

CONTENTS

NUMBER 1, JANUARY, 1996

- 1 THE HIGHS OF MEDICINE
A. Jay Block, Gainesville, Florida
- 1 VATS ANATOMIC LUNG RESECTIONS: THE HONG KONG EXPERIENCE
Rodney Landreneau, Pittsburgh
- 2 VIDEO-ASSISTED THORACOSCOPY: TREATMENT FOR EMPYEMA AND HEMOTHORAX
James W. Mackenzie, New Brunswick, New Jersey
- 3 CARDIAC REHABILITATION IN OBESE PATIENTS
Gary J. Balady, Kyle J. McInnis, Boston
- 5 NONINVASIVE TESTING IN THE DIAGNOSIS OF PULMONARY EMBOLISM: PLOPED REVISITED
Gary B. Anderson, Bethesda, Maryland
- 6 INTERMITTENT PNEUMATIC COMPRESSION FOR THE PREVENTION OF VENOUS THROMBOEMBOLISM
Russell D. Hull, Graham F. Pineo, Calgary, Canada
- 9 DOES ASTHMA EDUCATION CHANGE BEHAVIOR? TO KNOW IS NOT TO DO
Joann C. Blessing-Moore, Palo Alto, California
- 11 END-OF-LIFE DISCUSSIONS WITH PATIENTS: TIMING AND TRUTH-TELLING
Timothy Gilligan, Thomas A. Raffin, Stanford, California
- 13 VIDEO-ASSISTED THORACOSCOPIC ANATOMICAL LUNG RESECTIONS: THE INITIAL HONG KONG EXPERIENCE
Anthony P.C. Yim, Kai-ming Ko, Wing-shun Chau, Chan-chung Ma, Jonathan K.S. Ho, Kyaw Kyaw, Hong Kong
- 18 THORACOSCOPY FOR EMPYEMA AND HEMOTHORAX
Rodney J. Landreneau, Robert J. Keenan, Pittsburgh; Stephen R. Hazelrigg, Springfield, Illinois; Michael J. Mack, Dallas; Keith S. Nauheim, St. Louis
- 25 EVALUATION OF EFFECT OF LUNG RESECTION ON Lobar VENTILATION AND PERFUSION USING INTRABRONCHIAL CAPNOGRAPHY
Tatsuya Yoshimatsu, Shinichiro Miyoshi, Shinji Maebayashi, Issei Hirai, Yasuaki Naito, Wakayama, Japan
- 31 IATROGENIC SERRATUS ANTERIOR PARALYSIS: LONG-TERM OUTCOME IN 26 CASES
Leena I. Kauppi, Wellesley, Massachusetts; Martti Vastamäki, Helsinki, Finland
- 35 MITRAL VALVE RECONSTRUCTION IN ELDERLY, ISCHEMIC PATIENTS
Steven F. Bolling, G. Michael Deeb, David S. Bach, Ann Arbor, Michigan
- 41 ADENOSINE IS A SELECTIVE PULMONARY VASODILATOR IN CARDIAC SURGICAL PATIENTS
David A. Fullerton, Lyle E. Kinross, Stephen D. Jones, Robert C. McIntyre, Jr., Denver
- 47 FURTHER INCREASE IN OXYGEN UPTAKE DURING EARLY ACTIVE RECOVERY FOLLOWING MAXIMAL EXERCISE IN CHRONIC HEART FAILURE
Hiroyuki Doi, Thomas G. Allison, Bruce D. Johnson, Ray W. Squires, Gerald T. Gau, Rochester, Minnesota
- 52 EFFECTS OF CARDIAC REHABILITATION AND EXERCISE TRAINING IN OBESE PATIENTS WITH CORONARY ARTERY DISEASE
Carl J. Lavie, Jr., Richard V. Milani, New Orleans
- 57 IMPAIRED CARDIOPULMONARY EXERCISE CAPACITY IN PATIENTS WITH HYPERTHYROIDISM
George Kahaly, Jens Hellermann, Susanne Mohr-Kahaly, Norbert Treese, Mainz, Germany
- 62 DOPPLER ECHOCARDIOGRAPHIC DETECTION OF LEFT VENTRICULAR DIASTOLIC DYSFUNCTION IN PATIENTS WITH PULMONARY SARCOIDOSIS
Gerard J. Fahy, Cleveland; Thomas H. Marwick, Brussels, Belgium; Charles J. McCreary, Peter J. Quigley, Brian J. Maurer, Cleveland
- 67 NONINVASIVE ASSESSMENT OF RIGHT HEART FUNCTION BY ⁸¹KR EQUILIBRIUM RADIONUCLIDE VENTRICULOGRAPHY IN CHRONIC PULMONARY DISEASES
Masami Takao, Yoshiyuki Miyahara, Hiroki Shimboku, Kyoji Nishijima, Takuya Morimoto, Kohel Hara, Nagasaki, Japan
- 73 THE USEFULNESS OF TRANSESOPIHAGEAL ECHOCARDIOGRAPHY IN DIAGNOSING CARDIAC CONTUSIONS
Richard L. Weiss, Jonathan A. Brier, William H. O'Connor, Steven E. Ross, Colin E.M. Bradshaw, Camden, New Jersey
- 78 ARTERIAL BLOOD GAS ANALYSIS IN THE ASSESSMENT OF SUSPECTED ACUTE PULMONARY EMBOLISM
Paul D. Stein, Detroit; Samuel Z. Goldhaber, Boston; Gerald W. Henry, Detroit; Andrew C. Miller, Surrey, England
- 82 THE EFFICACY OF PNEUMATIC COMPRESSION STOCKINGS IN THE PREVENTION OF PULMONARY EMBOLISM AFTER CARDIAC SURGERY
Rogee S. Ramos, Bakr I. Salem, Maria P. DePawlikowski, Cordie Coorides, Steven Eisenberg, Ronald D. Laidenrost, Chesterfield, Missouri
- 86 ASSESSMENT OF PRACTICAL KNOWLEDGE OF SELF-MANAGEMENT OF ACUTE ASTHMA
John Kolbe, Marina Varnos, Frances James, Gail Elkind, Jeffrey Garrett, Auckland, New Zealand
- 91 PARENTS' EVALUATIONS OF WHEEZING OCCURRING IN THEIR CHILDREN WITH ASTHMA
Heesoon Lee, Mineola, New York; Alda Arroyo, Brooklyn, New York; Warren Rosenfield, Mineola, New York
- 94 SOLUBLE INTERCELLULAR ADHESION MOLECULE 1 (ICAM-1) ANTIGEN IN SERA OF BRONCHIAL ASTHMATICS
Yutaro Shiota, Kure, Japan; James G. Wilson, Jackson, Mississippi; Massami Marukawa, Tetsuya Ono, Masaro Kaji, Kure, Japan
- 100 TEMPORAL TRENDS IN THE PREVALENCE OF MALIGNANCY IN RESECTED SOLITARY PULMONARY LESIONS
Jeffrey B. Rubins, Hanna Bloomfield Rubins, Minneapolis
- 104 CYTOKERATIN TUMOR MARKER LEVELS IN BRONCHIAL WASHING IN THE DIAGNOSIS OF LUNG CANCER
Lucio Trevisani, Stefano Pulitani, Sergio Sartori, Vincenzo Abbasciano, Ferrara, Italy; Bruno Bagni, Udine, Italy
- 109 ASPECTS OF HISTOPATHOLOGIC SUBTYPE AS A PROGNOSTIC FACTOR IN 85 PLEURAL MESOTHELIOMAS
Leif Johansson, Lund, Sweden; Carl-Johan Linden, Bjärred, Sweden
- 115 WOODSMOKE EXPOSURE AND RISK FOR OBSTRUCTIVE AIRWAYS DISEASE AMONG WOMEN
Rodolfo J. Dennis, Dario Maldonado, Bogotá, Colombia; Sandra Norman, Philadelphia; Edgardo Baena; Gabriel Martinez, Bogotá, Colombia
- 120 LONGITUDINAL PATTERN OF REPORTED RESPIRATORY SYMPTOMS AND ACCELERATED VENTILATORY LOSS IN ASBESTOS-EXPOSED WORKERS
Carl A. Brodwin, Scott Bamhart, Harvey Checkoway, Seattle; John R. Balmes, San Francisco; Gilbert S. Omeron, Linda Rosenstock, Seattle
- 127 THE HALF-MOON SIGN: A USEFUL ROENTGEN SIGN OF SACULAR ANEURYSM OF THE AORTIC ARCH
Jing-San Lin, Shi-Chuen Chang, Funn Juh Chen, Ming-Sheng Chen, Taipei, Taiwan
- 131 QUANTITATIVE CT PREDICTS THE SEVERITY OF PHYSIOLOGIC DYSFUNCTION IN PATIENTS WITH LYMPHANGIOLEIOMYOMATOSIS
Robert S. Crausman, Pawtucket, Rhode Island; David A. Lynch, Denver; Rebecca L. Mortenson-Meese, Littleton, Colorado; Talmadge E. King, Jr., Charles G. Irvin; Valerie A.E. Hale, John D. Newell, Jr., Denver
- 136 SLEEP APNEA AFTER 1 YEAR DOMICILIARY NASAL-CPAP AND ATTEMPTED WEIGHT REDUCTION: POTENTIAL FOR WEANING FROM CPAP
Andre Nosedo, Chantal Kempenaers, Myriam Kerkhofs, Jean-Jacques Houbert, Paul Linkowski, Brussels, Belgium
- 144 THE RESPIRATORY SYSTEM, LUNG, AND CHEST WALL MECHANICS IN SEDATED-PARALYZED POSTOPERATIVE MORBIDLY OBESE PATIENTS
Paolo Pelosi, Massimo Croci, Irene Revagnan, Pierluigi Vicardi, Luciano Gallinoni, Milano, Italy
- 152 THE ACCURACY OF A HANDHELD PORTABLE SPIROMETER
David Rebuck, Nicola A. Hanihan, Anthony D. Urzo, Kenneth R. Chapman, Toronto, Canada
- 158 THE ETIOLOGY OF PLEURAL EFFUSIONS IN AN AREA WITH HIGH INCIDENCE OF TUBERCULOSIS
Luis Valdés, La Coruña, Spain; David Alvarez, Santiago De Compostela, Spain; Jose Manuel Valle, Antonio Pose, Esther San José, La Coruña, Spain
- 163 OXIDANT-ANTIOXIDANT BALANCE IN GRANULOCYTES DURING ARDS: EFFECT OF N-ACETYL-CYSTEINE
Thierry Laurent, Michèle Markert, François Feihl, Marie-Denise Schaller, Claude Henri Perrot, Lausanne, Switzerland
- 167 SWALLOWING DYSFUNCTION IN PATIENTS RECEIVING PROLONGED MECHANICAL VENTILATION
Kenneth A. Toole, Cathy Leonard Gatch, Gerard J. Criner, Philadelphia
- 173 PNEUMOCOCCAL BACTEREMIA IN TWO TERTIARY CARE HOSPITALS IN WINNIPEG, CANADA
Yasdan Mirzanejad, Susan Roman, James Talbot, Lindsey E. Nicol, Winnipeg, Canada
- 179 NONINVASIVE POSITIVE PRESSURE VENTILATION VIA FACE MASK: FIRST-LINE INTERVENTION IN PATIENTS WITH ACUTE HYPERCAPNIC AND HYPOXEMIC RESPIRATORY FAILURE
Gianfranco Umberto Meduri, Robert E. Turner, Nabil Abou-Sheila, Richard G. Wunderink, Elizabeth Tolley, Memphis, Tennessee
- 194 RELATIVE EFFICACY AND POTENCY OF β -ADRENOCEPTOR AGONISTS FOR GENERATING cAMP IN HUMAN LYMPHOCYTES
Drew MacGregor, Richard C. Philipp, John F. Butterworth IV, Robert L. James, Roger L. Royster, Winston-Salem, North Carolina
- 201 SNORING
Victor Hoffstein, Toronto, Canada
- 223 EVOLVING CONCEPTS REGARDING SELECTION OF PATIENTS FOR CARDIAC TRANSPLANTATION: ASSESSING RISKS AND BENEFITS
Guillermo Torre-Amione, Samir Kapadia, David Short III, Houston; James B. Young, Cleveland
- 233 OPINIONS REGARDING THE DIAGNOSIS AND MANAGEMENT OF VENOUS THROMBOEMBOLIC DISEASE
Paul D. Stein, Detroit; James E. Diaken, Tucson, Arizona; Samuel Z. Goldhaber, Boston; Alexander Gottschalk, East Lansing, Michigan; Russell D. Hull, Calgary, Canada; Kenneth V. Leeper, Jr., Memphis, Tennessee; Kenneth M. Moser, San Diego; Gary E. Raskob, Oklahoma City; Herbert A. Saltzman, Henry D. Sosman; Victor F. Tapean, Durham, North Carolina; John G. Weg, Ann Arbor, Michigan
- 238 COPING AND LEARNING WITH DATA SYSTEMS IN THE INFORMATION AGE
Robert W. Brandstetter, Robert D. Brandstetter, New Rochelle, New York
- 241 GENE THERAPY FOR CYSTIC FIBROSIS
Melissa A. Rosenfeld, Francis S. Collins, Bethesda, Maryland
- 253 DIURNAL VARIATION OF ISCHEMIC RESPONSE TO EXERCISE IN PATIENTS RECEIVING A ONCE-DAILY DOSE OF β -BLOCKERS: IMPLICATIONS FOR EXERCISE TESTING AND PRESCRIPTION
Barry A. Franklin, Birmingham, Michigan; Seymour Gordon, West Bloomfield, Michigan; Gerald C. Timmis, Royal Oak, Michigan
- 258 WHAT DO PHYSICIANS TELL PATIENTS WITH END-STAGE COPD ABOUT INTUBATION AND MECHANICAL VENTILATION?
Karen E. Sullivan, Paul C. Hébert, Jo Logan, Annette M. O'Connor, P. Daniel McNeely, Ottawa, Canada
- 265 PULMONARY NODULES IN A PATIENT WITH SEMINOMA TESTIS
Franz M.N.H. Schramel, Cees J. van Groenigen; Fred M.T. Rasker, Richard P. Golding; Sieben Meijer; Pieter E. Postmus, Amsterdam, the Netherlands
- 267 MASSIVE HEMOPTYSIS AFTER CORONARY ARTERY BYPASS GRAFTING
Joseph Cienia, Nadiv Shapiro, Newark, Delaware; Mark D. Jones, Wilmington, Delaware
- 271 LONG-TERM SURVIVAL FOLLOWING SURGICAL TREATMENT OF SOLITARY BRAIN METASTASIS IN NON-SMALL CELL LUNG CANCER
Homayoon Shahidi, Chicago; Paul A. Kvale, Detroit
- 276 PULMONARY BOTRYOMYCOSIS IN A PATIENT WITH AIDS
Kanchan Katapadi, Fernando Pujot, Juan Carlos Vuletin, Manmohan Katapadi, Bruce R. Pachter, Brooklyn, New York
- 278 PULMONARY EDEMA FOLLOWING ELECTRICAL CARDIOVERSION OF ATRIAL FIBRILLATION
Bongani M. Mayosi, Patrick J. Commerford, Cape Town, South Africa
- 280 NONFIBRILLITIS MITRAL VALVE ENDOCARDITIS DUE TO NEISSERIA SUBFLAVA

- Bram J. Arnsel; Adrian C. Mouljin, Antwerp, Belgium
282 ACUTE MYOCARDITIS AND LEFT VENTRICULAR ANEURYSM AS PRESENTATIONS OF SYSTEMIC LUPUS ERYTHEMATOSUS
Andrea Frustaci; Nicola Gentiloni; Marina Calderaro, Rome, Italy
- 284 COMPLEX PLEURAL EFFUSION ASSOCIATED WITH A SUBPHRENIC GALLSTONE PHLEGMON FOLLOWING LAPAROSCOPIC CHOLECYSTECTOMY
David A. Neumayer; Joseph LoCicero III; Paula Pinkston, Boston
- 286 ANOMALOUS SYSTEMIC ARTERIAL SUPPLY TO NORMAL BASAL SEGMENTS OF THE LEFT LOWER LOBE: A REPORT OF TWO CASES
Takashi Hirai; Yoshio Ohtake; Shin Mutoh; Masato Noguchi; Akira Yamanaka, Fukui, Japan
- 289 SUBACUTE TRICUSPID REGURGITATION WITH SEVERE HYPOXEMIA COMPLICATING BLUNT CHEST TRAUMA
Flavio Ribichini, Cuneo, Italy; Riccardo Conte; Antonio Lioi, Genova, Italy; Antonio Dellevalle; Giovanni Ugliengo, Cuneo, Italy
- 292 LACTIC ACIDOSIS ASSOCIATED WITH PROPOFOL
Mark A. Marinella, Ann Arbor, Michigan
- 293 ON "WHO WILL TEACH THE MEDICAL STUDENTS?"
Alfred Lemis, Rio de Janeiro, Brazil
- 293 BRONCHODILATING EFFECTS OF COMBINED THERAPY WITH CLINICAL DOSAGES OF IPRA-TROPOLIUM BROMIDE AND SALBUTAMOL FOR STABLE COPD
Roland H. Ingram, Jr, Atlanta
- 294 Response—Akiko Ikeda, Kyoto, Japan
- 294 NOT ALL PULMONARY EMBOLISM TESTS SURVIVE UTILIZATION
Paul Eggenmayer, Christchurch, New Zealand
- 294 THROMBOLYSIS AND THE ELDERLY
James M. Reichman; Jacob Ablin; Ronen Jaffe, Jerusalem, Israel
- 295 ERRATA
Jeffrey J. Popma, Washington, DC
Suzanne S. Hurd, Bethesda, Maryland
- NUMBER 2, FEBRUARY, 1996**
- 297 IF YOU SEE NO CHANGES, YOU HAVEN'T LIVED LONG ENOUGH
A. Jay Block, Gainesville, Florida
- 298 ASTHMA AND ATHLETES: EXERCISE-INDUCED BRONCHOCONSTRICTION IN FIGURE SKATERS
William Corrado, Providence, Rhode Island
- 299 ARE ADVANCE DIRECTIVES BECOMING AN ENDANGERED SPECIES?
Henry Perkins, San Antonio, Texas
- 299 PULMONARY REHABILITATION: DOES THE SITE MATTER?
Henry M. Thomas III, White Plains, New York
- 300 SLEEP APNEA AND PULMONARY HYPERTENSION
Diana S. Dark, Kansas City, Missouri
- 301 STATE-OF-ART TUBERCULOSIS PREVENTION
Lee B. Reichman, Newark, New Jersey; Bonita T. Mangura, Belmar, New Jersey
- 302 TIDAL VOLUME, PEEP, AND BAROTRAUMA: AN OPEN AND SHUT CASE?
John J. Marini, St. Paul, Minnesota
- 305 INTRAOPERATIVE MULTIPLANE VS BIPLANE TRANSEPHAGAL ECHOCARDIOGRAPHY FOR THE ASSESSMENT OF CARDIAC SURGERY
Mauro Papi; Paolo Barbieri; Elisabetta Doria; Franco Bortone; Gloria Tamborini, Milano, Italy
- 312 EXERCISE-INDUCED ASTHMA IN FIGURE SKATERS
Edward T. Mannix; Mark O. Farber, Indianapolis; Paolo Palange; Pietro Galassetti, Rome, Italy; Felix Manfredi, Indianapolis
- 316 PREVALENCE OF GASTROESOPHAGEAL REFLUX SYMPTOMS IN ASTHMA
Stephen K. Field; Margot Underwood; Rollin Brant; Robert L. Cowie, Calgary, Canada
- 323 HIGH-INTENSITY PHYSICAL TRAINING IN ADULTS WITH ASTHMA: A 10-WEEK REHABILITATION PROGRAM
Margareta Emlin, Uppsala, Sweden; Merja Herala, Vaasa, Finland; Gunnar Ståhlén, Uppsala, Sweden
- 331 EXAGGERATED RESPONSES TO CHLORINE INHALATION AMONG PERSONS WITH NONSPECIFIC AIRWAY HYPERREACTIVITY
Alessandra D'Alessandro; Wiare G. Kuschner; Holger Wong; Homer A. Boushey; Paul D. Blanc, San Francisco
- 338 BAY U3405, A THROMBOXANE A₂ ANTAGONIST, REDUCES BRONCHIAL HYPERRESPONSIVENESS IN ASTHMATICS
Hiromichi Aizawa; Mutsumi Shigyo; Hiroko Nogami; Takahito Hirose; Nobuyuki Hara, Fukuoka, Japan
- 343 EFFECTS OF INHALED FLUTICASON PROPRIONATE AND ORAL PREDNISOLONE ON LYMPHOCYTE β_2 -ADRENOCEPTOR FUNCTION IN ASTHMATIC PATIENTS
Kia S. Tan; Alison Grove; Robert I. Cargill; Lesley C. McFarlane; Brian J. Lipworth, Dundee, Scotland
- 348 IODINATED GLYCEROL HAS NO EFFECT ON PULMONARY FUNCTION, SYMPTOM SCORE, OR SPUTUM PROPERTIES IN PATIENTS WITH STABLE CHRONIC BRONCHITIS
Bruce K. Rubin; Oscar Ramirez; Jill A. Ohar, St. Louis
- 353 CONTRIBUTION OF EMPHYSEMA AND SMALL AIRWAYS IN COPD
Arthur F. Gelb, Lakewood, California; James C. Hogg; Nestor L. Müller, Vancouver, Canada; Mark J. Schein, Lakewood, California; Joseph H. Kuei, San Marino, California; Donald P. Tashkin, Los Angeles; Joel D. Epstein; Jozef Kolli; Robert H. Green, Lakewood, California; Noe Zamel, Toronto, Canada; W. Mark Elliott, Vancouver, Canada; Lida Hadjilaghi, Los Angeles
- 360 THIN-SECTION CT DETECTION OF EMPHYSEMA ASSOCIATED WITH BRONCHIECTASIS AND CORRELATION WITH PULMONARY FUNCTION TESTS
Pierre Loubeyre; Micheline Paret; Didier Revel; Thérèse Wiesendanger; Jean Brune, Lyon, France
- 366 A COMPARISON BETWEEN AN OUTPATIENT HOSPITAL-BASED PULMONARY REHABILITATION PROGRAM AND A HOME-CARE PULMONARY REHABILITATION PROGRAM IN PATIENTS WITH COPD: A FOLLOW-UP OF 18 MONTHS
Jaap H. Strijbos; Dirkje S. Postma, Groningen, the Netherlands; Richard van Altena; Fernando Gimeno, Haren, the Netherlands; Gerard H. Köller, Groningen, the Netherlands
- 373 ADVANCE DIRECTIVE EDUCATION DURING PULMONARY REHABILITATION
John E. Hefner; Bonnie Fahy; Celia Barbieri, Phoenix
- 380 PULMONARY HEMODYNAMICS IN THE OBSTRUCTIVE SLEEP APNEA SYNDROME: RESULTS IN 220 CONSECUTIVE PATIENTS
Ari Chaouat; Emmanuel Weitzenblum; Jean Krieger; Monique Oswald; Romain Kessler, Strasbourg, France
- 387 VENTILATION AND GAS EXCHANGE DURING SLEEP AND EXERCISE IN SEVERE COPD
Eithne Mulloy; Walter T. McNicholas, Dublin, Ireland
- 395 ACCURACY OF OXIMETRY FOR DETECTION OF RESPIRATORY DISTURBANCES DURING SLEEP APNEA SYNDROME
Patrick Lévy; Jean-Louis Pépin; C. Deschaux-Blanc; B. Paramele; Christian Brambilla, Grenoble, France
- 400 MYASTHENIA GRAVIS AND UPPER AIRWAY OBSTRUCTION
Maryann T. Putman, New Haven, Connecticut; Robert A. Wise, Baltimore
- 405 BRONCHODILATOR RESPONSE AT LOW LUNG VOLUMES PREDICTS BRONCHOLITIS OBLITERANS IN LUNG TRANSPLANT RECIPIENTS
Natarajan Rajagopalani, Toronto, Canada; Janet R. Maurer, Cleveland; Steven Keelen, Toronto, Canada
- 408 THREE HUNDRED PATIENTS REFERRED FOR LUNG TRANSPLANTATION: EXPERIENCES OF THE DUTCH LUNG TRANSPLANTATION PROGRAM
Gregory P.M. Mannes, Den Haag, the Netherlands; Willem J. de Boer; Wim van der Bij; Rene G. Grevink; Gerard H. Köller, Groningen, the Netherlands
- 414 COMBINED USE OF PLEURAL ADENOSINE DEAMINASE WITH LYMPHOCYTE/NEUTROPHIL RATIO: INCREASED SPECIFICITY FOR THE DIAGNOSIS OF TUBERCULOUS PLEURITIS
Lesley J. Burgess; Frans J. Maritz; Inno Le Roux; J.J. Frans Tjaaland, Tygerberg, South Africa
- 420 THE VALIDITY OF CLASSIC SYMPTOMS AND CHEST RADIOGRAPHIC CONFIGURATION IN PREDICTING PULMONARY TUBERCULOSIS
Robert Cohen; Shrin Muzaffar, Chicago; Joel A. Capellan, Oak Park, Illinois; Hasan Azar, Chicago; Mustafa I. Chirinkamwala, Hinsdale, Illinois
- 424 LISINAPRIL ATTENUATES ACUTE HYPOXIC PULMONARY VASOCONSTRICTION IN HUMANS
Robert I. Cargill; Brian J. Lipworth, Dundee, Scotland
- 430 WEGENER'S GRANULOMATOSIS IN THE ELDERLY
Sonja S. Kralick; Randel B. Cowie; Joseph P. Lynch III; Robert G. Slittin, Ann Arbor, Michigan
- 438 SAFETY OF NICOTINE POLACRILEX GUM USED BY 3,094 PARTICIPANTS IN THE LUNG HEALTH STUDY
Robert P. Murray, Winnipeg, Canada; William C. Bailey, Birmingham, Alabama; Kathleen Daniels; Wendy M. Bjornson; Karole Kurnow, Winnipeg, Canada; John E. Connett, Minneapolis; Mitchell A. Nides, Los Angeles; James P. Kiley, Winnipeg, Canada
- 446 PASSIVE SMOKING IN CHILDREN: RACIAL DIFFERENCES IN SYSTEMIC EXPOSURE TO COTININE BY HAIR AND URINE ANALYSIS
Jennifer Knight; Christou Elopoulos; Julia Klein; Mark Greenwald; Gideon Koren, Toronto, Canada
- 451 COST-EFFECTIVENESS OF COLLECTING ROUTINE CYTOLOGIC SPECIMENS DURING FIBROPTIC BRONCHOSCOPY FOR ENDOSCOPICALLY VISIBLE LUNG TUMOR
Joseph A. Govett; Jeffrey M. Kapits; David Matchar; Peter S. Kussin, Durham, North Carolina; Wayne M. Samuelson, Salt Lake City, Utah
- 457 IDENTIFYING EARLY PREDICTORS OF MORTALITY IN PEDIATRIC PATIENTS WITH ACUTE LEUKEMIA AND PNEUMONIA
Chester J. Randle, Jr; Palo Alto, California; Larry R. Frankel, Stanford, California; Michael D. Aronson, Palo Alto, California
- 462 SCINTIGRAPHIC LUNG SCANS AND CLINICAL ASSESSMENT IN CRITICALLY ILL PATIENTS WITH SUSPECTED ACUTE PULMONARY EMBOLISM
Jerald W. Henry; Paul D. Stein, Detroit; Alexander Gottschalk, East Lansing, Michigan; Bruce Relyea, Detroit; Kenneth V. Leeper, Jr, Memphis, Tennessee
- 467 CLARA CELL PROTEIN (CC-16) AND SURFACTANT-ASSOCIATED PROTEIN A (SP-A) IN ASBESTOS-EXPOSED WORKERS
Olivier Lesur, Sherbrooke, Canada; Alfred M. Bernard, Bruxelles, Belgium; Raymond O. Begin, Sherbrooke, Canada
- 475 EFFECT OF ALTITUDE ON HAND-HELD PEAK FLOWMETERS
Robert L. Jensen; Robert O. Crapo; Steven L. Berlin, Salt Lake City, Utah
- 480 POSITIVE END-EXPIRATORY PRESSURE PREVENTS THE LOSS OF RESPIRATORY COMPLIANCE DURING LOW TIDAL VOLUME VENTILATION IN ACUTE LUNG INJURY PATIENTS
Maurizio Caracci; Giuseppe Foti; Guido Muschi; Maria Elena Sparacino; Antonio Pesenti, Monza, Italy
- 486 EFFECTIVENESS OF NITRIC OXIDE INHALATION IN SEPTIC ARDS
Peter Krafft; Peter Fridrich; Robert D. Fitzgerald; Dorothea Koc; Heinz Steltzer, Vienna, Austria
- 494 VOLUME EXPANSION INCREASES RIGHT VENTRICULAR INFARCT SIZE IN DOGS BY REDUCING COLLATERAL PERFUSION
William E. Johnston; Cheng Y. Lin; Alan E. Ferick, Galveston, Texas; Beverly Spray; Jakob Vinten-Johnsen, Winston-Salem, North Carolina
- 504 ANION GAP IN TURPENTINE-INDUCED PLEURAL EFFUSIONS: CORRELATION WITH PH AND PROTEIN LEVEL
William D. Paulson; Micheline Heath-Holmes, Shreveport, Louisiana; Steven W. Stogner, Hattiesburg, Mississippi; G. Douglas Campbell; Katharine A. Kirk; Ronald B. George, Shreveport, Louisiana
- 510 OPTIMIZING CORONARY THROMBOLYSIS WITH IV ADMINISTRATION OF RECOMBINANT TISSUE PLASMINOGEN ACTIVATOR: SINGLE BOLUS VS DOUBLE BOLUS VS FRONT-LOADING
Richard M. Prewitt; Usha Schick; John Ducas, Winnipeg, Canada
- 516 THE PATHOPHYSIOLOGY OF HYPERVENTILATION DISORDERS
William N. Gardner, London, England
- 535 VITAMIN D, CALCIUM, AND SARCOIDOSIS
Om P. Sharma, Los Angeles
- 540 REDUCTION PNEUMOPLASTY FOR GIANT BULLOUS EMPHYSEMA: IMPLICATIONS FOR SURGICAL TREATMENT OF NONBULLOUS EMPHYSEMA
Gordon L. Snider, Boston
- 548 VIRTUAL BRONCHOSCOPY: RELATIONSHIPS OF VIRTUAL REALITY ENDOBRONCHIAL SIMULATIONS TO ACTUAL BRONCHOSCOPIC FINDINGS
David J. Vining; Kun Liu; Robert H. Chaplin; Edward F. Haponik, Winston-Salem, North Carolina
- 554 THORACOSCOPIC LOBECTOMY FOR BENIGN DISEASES
Anthony P.C. Yim; Kai-ming Ko; Chan-chung Ma; Wing-shun Chau; Kwai Kwan, Hong Kong
- 557 A 36-YEAR-OLD COMATOSE WOMAN EXHIBITING DECELERATE POSTURING
A 25-YEAR-OLD MAN WITH BACK PAIN AND AN ABNORMAL CHEST RADIOGRAPH
Francis C. Cordova; Gerard J. Ciner, Philadelphia
- 562 ATYPICAL ELECTROMECHANICAL DISSOCIATION IN A PATIENT WITH RECURRENT PULMONARY EMBOLISM
Fabio Chirillo; Alberto Furlanetto; Andrea Bruni; Maurizio Martines; Paolo Strilani, Treviso, Italy

- 564 EXTENSIVE IDIOPATHIC BENIGN BILATERAL ASYNCHRONOUS PLEURAL FIBROSIS
Teofilo L. Lee-Chiong, Randolph, New Jersey; Janet Lynn Hilbert, Waterbury, Connecticut
- 565 SUBACUTE RUPTURE OF THE LEFT VENTRICULAR FREE WALL AFTER ACUTE MYOCARDIAL INFARCTION: THREE CASES OF LONG-TERM SURVIVAL WITHOUT EMERGENCY SURGICAL REPAIR
Ales Blinc; Marko Noc; Bojan Polnar; Natasa Cermit; Matija Horvat; Ljudjana, Slovenia
- 567 TREATMENT OF LEFT PNEUMONECTOMY SYNDROME WITH AN EXPANDABLE ENDOBRONCHIAL PROSTHESIS
Francis C. Cordova; John M. Travaline; Gerald M. O'Brien; David S. Ball; Michael L. Lippmann, Philadelphia
- 570 POSTCARDIAC INJURY SYNDROME: AN IMMUNOLOGIC PLEURAL FLUID ANALYSIS
Sole Kim; Steven A. Sahn, Charleston, South Carolina
- 572 SIMILAR PLEURAL FLUID FINDINGS IN PLEURO-PULMONARY TUBERCULOSIS AND TUBERCULOUS PLEURISY
Tom Petersson; Peter Nyberg; Dan Nordström, Helsinki, Finland; Henrik N. Rieksa, Mjölby, Finland
- 575 DELAYED RIGHT HEART FAILURE FOLLOWING LUNG TRANSPLANTATION
Paul M. Kirschner; Victor F. Tapson; J. Kevin Harrison; R. Duane Davis; J. William Gaynor, Durham, North Carolina
- 577 PROLONGED SURVIVAL OF A PATIENT WITH LEFT VENTRICULAR PSEUDOANEURYSM FOLLOWING MYOCARDIAL INFARCTION AND MITRAL VALVE REPLACEMENT
R. Brian Fazio; Jannet F. Lewis; Roger Mills; Sigurd Normann; C. Richard Conitt, Gainesville, Florida
- 579 PERITONEAL-PLEURAL COMMUNICATIONS IN HEPATIC HYDROTHORAX DEMONSTRATED BY THORACOSCOPY
Atsushi Nakamura; Yasuhiro Kojima; Hiroshi Ohmi; Junichi Yamada; Yasuo Yamada, Nagoya, Japan
- 582 PULMONARY TUBERCULOSIS AND STEROIDS
Paul Clark; Martin B. Allen, Bradford, England
- 582 HAZARDS TO ULTRAVIOLET LIGHTING USED FOR TUBERCULOSIS CONTROL
Jeff Brubacher; Robert S. Hoffman, New York
- 583 A MATTER OF CHOICE?
Tai-Shion Lee; Yaw Wu, Torrance, California
- 583 RESPIRATORY CARE EDUCATION INCLUDES INTUBATIONS
Trudy J. Watson, Dallas
- 584 Response—Jeffery Smale; Kesavan Kutty, Milwaukee
- 584 NICOTINE IS HAZARDOUS TO YOUR HEART
Tai-Shion Lee; Xuhua Hou, Torrance, California
- 585 NUTRITIONAL STATE AND EXERCISE TOLERANCE IN PATIENTS WITH COPD
Jing Wu Lin, Salem, Virginia; Dudley F. Rochester, Charlottesville, Virginia
- 586 Response—Paolo Palange, Rome, Italy
- 586 THE EFFECT OF PROPHYLAXIS ON THE OUTCOME OF HIV-ASSOCIATED PNEUMOCYSTIS CARINII PNEUMONIA
Santiago Ewig, Bonn, Germany
- 586 Response—Joel E. Gallant; John G. Bartlett; Richard E. Chausson, Baltimore
- 587 TREATING PATIENTS WHO HAVE KLEBSIELLA PNEUMONIAE PNEUMONIA
Charles Feldman; Akhtar Goolam Mahomed, Parktown, South Africa; Clifford Smith, Sandton, South Africa; Hendrick Koomhof, Parktown, South Africa
- 588 THE CONTRIBUTION OF RESPIRATORY VIRUSES TO SEVERE EXACERBATIONS OF ASTHMA IN ADULTS
Ale Eldin H. Ahmed; Karl G. Nicholson; Victoria S. Hammersley, Leicester, England
- 588 DYSPEA DOESN'T ALWAYS SIGNIFY BRONCHIAL ASTHMA
Sebastiano Riccio, Pavia, Italy
- 589 EVALUATING THE BRONCHODILATOR RESPONSE IN ELDERLY ASTHMATICS
Shinji Teramoto; Yoshinaka Fukuuchi; Yasuyoshi Ouchi, Tokyo, Japan
- 589 Response—Martin J. Connolly; Joseph J. Crowley; Nirmal B. Charan; Christopher P. Nelson; Robert E. Vestal, Boise, Idaho
- 590 EFFECTS OF NONINVASIVE VENTILATION ON SURVIVAL IN PATIENTS WITH DUCHENNE'S MUSCULAR DYSTROPHY
Fumihiko Yasume; Motoko Sakai; Yukihiko Matsuka, Suzuka, Japan
- 591 ACUTE MYOCARDIAL INFARCTION: THEN AND NOW
Jeffrey Brown, Montreal, Canada
- 591 Response—Jeffrey Simmons; Howard J. Wilens; Kenneth M. Kessler, Miami
- 591 TREATMENT OF CARBON MONOXIDE POISONING
Richard E. Hurst, Portland, Oregon
- 592 Response—Mark J. Shumate, Decatur, Georgia
- 592 FALSE-LOW CARBON MONOXIDE DIFFUSING CAPACITY MEASUREMENT AFTER GENERAL ANESTHESIA
Robert Gilbert, Syracuse, New York; Numan Arslan, Brooklyn, New York; Lynne Williams, Syracuse, New York
- 592 ERRATA
Paul D. Stein, Detroit; Joseph S. Alpert, Worcester, Massachusetts; Jack G. Copeland, III; James E. Dalen; Steven Goldman, Tucson, Arizona; Alexander G.G. Turpie, Hamilton, Canada

NUMBER 3, MARCH, 1996

- 593 FIBEROPTIC BRONCHOSCOPY: ENHANCING THE DIAGNOSTIC YIELD
Stephan L. Kamholz, Brooklyn, New York
- 594 GUIDELINES IN NEED OF GUIDANCE
Akmal Senwar; Robert D. Brandstetter, New Rochelle, New York
- 595 OUTCOMES OF HOME CARE FOR LIFE-SUPPORTED PERSONS: LONG-TERM OXYGEN AND PROLONGED MECHANICAL VENTILATION
Allen I. Goldberg, Maywood, Illinois
- 596 VASODILATOR THERAPY IN ACUTE RESPIRATORY FAILURE
David McCormack, London, Ontario, Canada
- 597 SCIENCE CHALLENGES THE DOGMAS OF CPR
Max Harry Weil; Wanchun Tang, Palm Springs, California
- 598 DEATH BY SYRINGE: WORSE THAN ONDINE'S CURSE?
Gary S. Kabinoff; Kalish C. Sharma; Robert D. Brandstetter, New Rochelle, New York
- 598 TOUGH LOVE AND THE PULMONOLOGIST
Donsett D. Smith, Everett, Washington
- 601 DIAGNOSTIC VALUE OF PROTECTED BAL IN DIAGNOSING PULMONARY INFECTIONS IN IMMUNOCOMPROMISED PATIENTS
Rosa Jolis; Joan Castella; Carmen Puzo; Pere Coll; Carmen Abiseco, Barcelona, Spain
- 608 SCREENING FOR BRONCHIECTASIS: A COMPARATIVE STUDY BETWEEN CHEST RADIOGRAPHY AND HIGH-RESOLUTION CT
Brigitte A.H.A. van der Bruggen-Bogaarts; Hein M.J.G. van der Bruggen; Paul F.G.M. van Waas; Jan-Willem J. Lammers, Utrecht, the Netherlands
- 612 THE ROLE OF FUNCTIONAL RESPIRATORY TESTS IN PREDICTING PNEUMOTHORAX DURING LUNG NEEDLE BIOPSY
Patrio Vitale; Roberto Dore; Isa Cervetti; Carmine Tinelli; Paolo Cremaschi, Pavia, Italy
- 616 TRANSTHORACIC NEEDLE ASPIRATION IN PATIENTS WITH SEVERE EMPHYSEMA: A STUDY OF LUNG TRANSPLANT CANDIDATES
Ella A. Kazerooni; Frederick W. Hartker III; Richard I. Whyte; Fernando J. Martinez; Joseph P. Lynch III, Ann Arbor, Michigan
- 620 BRONCHOSCOPIC DIAGNOSIS OF SOLITARY PULMONARY NODULES AND LUNG MASSES IN THE ABSENCE OF ENDOBRONCHIAL ABNORMALITY
Vijay Chachani, Roswell, New Mexico
- 626 SILICONE STENTS IN THE MANAGEMENT OF BENIGN TRACHEOBRONCHIAL STENOSES: TOLERANCE AND EARLY RESULTS IN 63 PATIENTS
Jose I. Martinez-Ballarín; Jose P. Diaz-Jiménez; María J. Castro; Juan A. Moya, Barcelona, Spain
- 630 ENERGY METABOLISM OF THORACIC SURGICAL PATIENTS IN THE EARLY POSTOPERATIVE PERIOD: EFFECT OF POSTURE
Luigi Severino Brandi; Roberto Bertolini; Alberto Janni; Angela Gioia; Carlo Alberto Angeletti, Pisa, Italy
- 636 THE EFFECT OF PHYSICAL THERAPY ON RESPIRATORY COMPLICATIONS FOLLOWING CARDIAC VALVE SURGERY
David H. Johnson; Cheryl Kelm; Dorothy Thomson; Brian Burbridge, Saskatoon, Canada; Irvin Mayers, Edmonton, Canada
- 645 SLEEP DEPRIVATION WORSENS OBSTRUCTIVE SLEEP APNEA: COMPARISON BETWEEN DIURNAL AND NOCTURNAL POLYSOMNOGRAPHY
Hans E. Persson; Eva Svahnberg, Stockholm, Sweden
- 651 RESPIRATORY EFFORT: A FACTOR CONTRIBUTING TO SLEEP PROPENSITY IN PATIENTS WITH OBSTRUCTIVE SLEEP APNEA
Monica Zamagni; Emilia Storz; An Boudewijns; Christophe Peliau; Jean Krieger, Strasbourg, France
- 659 SLEEP-DISORDERED BREATHING IN MEN WITH CORONARY ARTERY DISEASE
Thomas Moe; Terje Rabben; Urban Wiklund; Karl Franklin; Peter Eriksson, Umeå, Sweden
- 664 SLEEP, BREATHING, AND CEPHALOMETRICS IN OLDER CHILDREN AND YOUNG ADULTS: PART I—NORMATIVE VALUES
Christine Acebo, East Providence, Rhode Island; Richard P. Millman, Providence, Rhode Island; Cynthia Rosenberg, Cleveland; Anita Cavallo, Cincinnati; Mary A. Carskadon, East Providence, Rhode Island
- 673 SLEEP, BREATHING, AND CEPHALOMETRICS IN OLDER CHILDREN AND YOUNG ADULTS: PART II—RESPONSE TO NASAL OCCLUSION
Richard P. Millman, Providence, Rhode Island; Christine Acebo, East Providence, Rhode Island; Cynthia Rosenberg, Cleveland; Mary A. Carskadon, East Providence, Rhode Island
- 680 CAN SLEEP AND WAKEFULNESS BE DISTINGUISHED IN CHILDREN BY CARDIORESPIRATORY AND VIDEOTAPE RECORDING?
Angela Morielli; Sylvia Ladar; Francine M. Ducharme; Robert T. Brouillette, Montreal, Canada
- 688 ASTHMA, EMPLOYMENT STATUS, AND DISABILITY AMONG ADULTS TREATED BY PULMONARY AND ALLERGY SPECIALISTS
Paul D. Blanc; Miriam Cisneros; Sherman Smith; Edward Yelin, San Francisco
- 697 PRIOR DIAGNOSIS AND TREATMENT OF PATIENTS WITH NORMAL RESULTS OF METHACHOLINE CHALLENGE AND UNEXPLAINED RESPIRATORY SYMPTOMS
David P. Joyce; Kenneth R. Chapman; Steven Kesten, Toronto, Canada
- 702 CUMULATIVE DOSE-RESPONSE STUDY OF NON-CF6 PROPELLANT HFA 134a SALBUTAMOL SULFATE METERED-DOSE INHALER IN PATIENTS WITH ASTHMA
Eric C. Klemp; Donald P. Tashkin, Los Angeles; Ann C. Cline; Bruce P. Elkhorn, St. Paul, Minnesota
- 708 SURVEY OF ASTHMA PRACTICE AMONG EMERGENCY PHYSICIANS
Charles L. Emswiler; Rita K. Cydulka, Cleveland; Emil Skovicki, Philadelphia
- 713 BRONCHOGENIC CARCINOMA AND COEXISTENT BRONCHIOALVEOLAR CELL ADENOMAS: ASSESSMENT OF RADIOLOGIC DETECTION AND FOLLOW-UP IN 28 PATIENTS
P. Mark Logan; Robert R. Miller; Kenneth G. Evans; Nestor L. Müller, Vancouver, Canada
- 718 P53 MUTATIONS IN NON-SMALL CELL LUNG CARCINOMAS IN HONG KONG
Maria Li Lung, Kowloon, Hong Kong; Maria P. Wong, Hong Kong, Hong Kong; Meeta T. Skarsnik; C. L. Fok, Kowloon, Hong Kong; Wah Kit Lam; Wing Wai Yew, Hong Kong, Hong Kong
- 727 SIGNIFICANCE OF HEMOPTYSIS FOLLOWING THROMBOLYTIC THERAPY FOR ACUTE MYOCARDIAL INFARCTION
Yuen-Chung Chang; Edward F. Patz, Jr.; Philip C. Goodman; Christopher B. Granger, Durham, North Carolina
- 730 ELECTROCARDIOGRAPHIC AND ELECTROPHYSIOLOGIC CHARACTERISTICS OF ANTEROSEPTAL, MIDDLESEPTAL, AND PARA-HISIAN ACCESSORY PATHWAYS: IMPLICATION FOR RADIOFREQUENCY CATHETER ABLATION
Ching-Tai Tai; Shih-Ann Chen; Chen-En Chiang; Shih-Huang Lee; Mau-Song Chang, Taipei, Taiwan, ROC
- 741 PREDICTORS OF SURVIVAL IN PATIENTS RECEIVING DOMICILIARY OXYGEN THERAPY OR MECHANICAL VENTILATION: A 10-YEAR ANALYSIS OF ANTADIR OBSERVATORY
Edmond Chailleux; Brigitte Fauroux; Françoise Binet; Bertrand Dautzenberg, Paris, France; Jean Marie Polu, Vandœuvre Les Nancy, France
- 750 A PLACEBO-CONTROLLED TRIAL OF PROSTACYCLIN IN ACUTE RESPIRATORY FAILURE IN COPD
Stephen L. Archer; Debra Mike, Minneapolis; James Crow; Walker A. Long, Research Triangle Park, North Carolina; E. Kenneth Weir, Minneapolis
- 756 DOPEXAMINE HYDROCHLORIDE IN SEPTIC SHOCK
Lutz Hennemann; Konrad Reinhardt; Andreas Meier-Hellmann; Gero Wallenfang, Berlin, Germany; Donald L. Bredle, Rootstown, Ohio
- 761 COMPARISON OF WIRE-GUIDED AND NONWIRE-GUIDED ARTERIAL CATHETERS
David R. Gerber, Camden, New Jersey; Claude W. E. Zeitman, Lagrangeville, New York; Hassan I. Khouli, Mount Laurel, New Jersey; Heatham R. Dib, Marlton, New Jersey; Melvin R. Pratter, Camden, New Jersey
- 765 SELECTIVE DECONTAMINATION OF THE DIGESTIVE TRACT IN MULTIPLE TRAUMA PATIENTS: A

	PROSPECTIVE, DOUBLE-BLIND, RANDOMIZED, PLACEBO-CONTROLLED STUDY
	Bernard Quirio; Jacques Abandé; Martine Bue-Charbit; Xavier Vivand; Claude D. Martin, Marseille, France
773	CARDIOPULMONARY SUPPORT MITIGATES THE EFFECTS OF EXPERIMENTAL MYOCARDIAL ISCHEMIA
	Herbert B. Ward; Edward O. McFall; Douglas Baldwin; Timothy G. Niemzick; Charles C. Gornick, Minneapolis
780	INCREASED EXPRESSION OF PLATELET-DE RIVED GROWTH FACTOR A AND INSULIN-LIKE GROWTH FACTOR I IN BAL CELLS DURING THE DEVELOPMENT OF BLEOMYCIN-INDUCED PULMONARY FIBROSIS IN MICE
	Akihiro Maeda; Keiko Hiyama; Hideto Yamakido; Shin-ichi Ishioka; Michio Yamakido, Hiroshima, Japan
787	LUNG TRANSPLANTATION FOR CYSTIC FIBROSIS: SPECIAL CONSIDERATIONS
	Robert M. Kotloff; Jonathan Zuckerman, Philadelphia
799	SPINAL CORD PROTECTION DURING SURGICAL PROCEDURES ON THE DESCENDING THORACIC AND THORACOABDOMINAL AORTA: REVIEW OF CURRENT TECHNIQUES
	Farid Gharagozlo, Washington, DC; Joel Larson; Mary J. Dausmann, Scottsdale, Arizona; Richard F. Neville, Jr.; Mario N. Gomes, Washington, DC
810	1995—AN INTERESTING YEAR INDEED
	James B. D. Mark, Stanford, California
814	GUIDELINES FOR THE USE OF NEBULIZERS IN THE HOME AND AT DOMICILIARY SITES: REPORT OF A CONSENSUS CONFERENCE
	Walter J. O'Donoghue, Jr., Omaha, Nebraska; and the NAMDRG Consensus Group
821	SAFE LOAD CARRYING AFTER UNCOMPLICATED MYOCARDIAL INFARCTION: A SIMPLE PRESCRIPTIVE METHOD
	Rudolph H. Dressendorfer, Las Vegas; Victoria Hollingsworth; Royal Oak, Michigan; Barry A. Franklin, Birmingham, Michigan; Christopher DeWitt, Aiken, South Carolina; Seymour Gordon, West Bloomfield, Michigan; Gerald C. Timmis, Royal Oak, Michigan
825	BOTTLE-SHAPED HEART
	Gary S. Kabinoff; Bernard Giller, New Rochelle, New York
827	A WOMAN WITH SLOWLY PROGRESSING DYSPNEA ON EXERCISE
829	CLINICAL CONFERENCE ON MANAGEMENT DILEMMAS: AN EXPANDING RIGHT UPPER LOBE CAVITY
	Jeffrey Y. Schneider, Manhasset, New York; Adam S. Katz, Merrick, New York; Robert M. Smith, San Diego; Stephen K. Field, Calgary, Canada; Steven M. Albel, Philadelphia
836	UPPER AIRWAY OBSTRUCTION IN A WOMAN WITH AIDS-RELATED LARYNGEAL KAPOSI'S SARCOMA
	Allison J. Bettler; Konrad Ptaszynski; Jill P. Karpel, Bronx, New York
837	THREE CASES OF DENTAL TECHNICIAN'S PNEUMOCOCCUS RELATED TO COBALT-CHROMIUM-MOLYBDENUM DUST EXPOSURE: DIAGNOSIS AND FOLLOW-UP
	Anders Selden, Orebro, Sweden; Wubeshet Sahle, Solna, Sweden; Leif Johansson, Lund, Sweden; Sverre Sorenson, Vasteras, Sweden; Bodil Persson, Linköping, Sweden
842	MASSIVE HEMOPTYSIS SUCCESSFULLY TREATED BY MODIFIED BRONCHOSCOPIC BALLOON TAMPOONADE TECHNIQUE
	Ryoichi Kato; Masako Sawafuji; Masafumi Kawamura; Koji Kikuchi; Koichi Kobayashi, Tokyo, Japan
843	EXTRALABORATORY PRESENTATION OF MASSIVE HEMOTHORAX
	Vered Avishai; Eran Dolan; Dov Weissberg; Liliana Zigel; Haim, Israel; E. Priel, Kiryat Chai, Israel
845	USE OF SOMATOSTATIN ANALOG IN A PATIENT FOR LOCALIZATION AND TREATMENT OF ACTH-SECRETING BRONCHIAL CARCINOID
	Sophie Christin-Mailler; Nathalie Chabbert-Buffet; Agnes Mure; Ralf Boudry; Philippe Bouchard, Paris, France
847	PULMONARY VEIN THROMBOSIS AND PERIPHERAL EMBOLIZATION
	Mario J. Garcia; Leonardo Rodriguez; Pieter Vandervoort, White River Junction, Vermont
848	FAMILIAL ASSOCIATION OF PRIMARY PULMONARY HYPERTENSION AND A NEW LOW-OXYGEN AFFINITY B-CHAIN HEMOGLOBINOPATHY, HB WASHTEAW
	Richard T. Wille; Koyamangalath Krishnan; Kathleen A. Cooney, Johnson City, Tennessee; David S. Bach; Fernando J. Martinez, Ann Arbor, Michigan
850	TRACHEOSOPHAGEAL FISTULA IN A PATIENT

	WITH RECURRENT HODGKINS DISEASE: A CASE FOR HOPE OR DESPAIR
	David Ling; Peter Bushnow, Rochester, New York
852	LIFE SUPPORT: THE DEBATE CONTINUES
	Mark D. Siegel; Ann Ryder, New Haven, Connecticut
	Response—Jeffrey E. Salan, Columbus, Ohio
	Response—Richard W. Carlson, Phoenix; Margaret L. Campbell; Robert R. Frank, Detroit
853	Response—ira J. Wagner, New York
853	GET REAL, DR. STOBO
	Robert Carlen, Sayville, New York
854	I AM REAL
	John D. Stobo, Baltimore
854	DIAGNOSING PULMONARY EMBOLISM: INDEED, WHEN WILL WE EVER LEARN?
	Mohammed Moiruddin; H. Lynn Magill; John S. Buchignani, Jr., Memphis, Tennessee
855	PZA HYPERSENSITIVITY
	Andrew F. Shorr; Richard F. Trotta, Washington, DC
856	CYFRA 21-1 IN CAVITARY LUNG LESIONS
	Young-Chul Kim; Kyung-Ok Park; In-Seon Choi; Sung-Chul Lim; Hee-Seung Bohn, Kwangju, Korea
	Response—Elisabeth Quiox, Strasbourg, France

NUMBER 3, MARCH, 1996 Supplement

15	INTRODUCTION—ENVIRONMENTAL LUNG DISEASE: EXPOSURES AND MECHANISMS
	Lee S. Newman, Denver; Arnold R. Brody, New Orleans
25	THE INTEGRATION OF EPIDEMIOLOGY AND FUNDAMENTAL BIOLOGY IN OCCUPATIONAL LUNG DISEASE
	Hans Weill, New Orleans
55	BERYLLIUM STIMULATES RELEASE OF THE T HELPER 1 CYTOKINES INTERLEUKIN-2 AND INTERFERON GAMMA FROM BAL CELLS IN CHRONIC BERYLLIUM DISEASE
	Sally S. Tinkle; Lori A. Kittle; Patricia Schellert; Jason Addison; Lee S. Newman, Denver
65	IMMUNOLOGIC RESPONSES TO ISOCYANATES IN SENSITIZED ASTHMATIC SUBJECTS
	Carrie A. Redlich; Robert J. Homer; Brian R. Smith; Joel A. Wirth; Mark R. Cullen, New Haven, Connecticut
85	PRODUCTION OF REACTIVE OXYGEN INTERMEDIATES FOLLOWING EXPOSURE TO OZONE: RELATIVE CONTRIBUTION OF ALVEOLAR MACROPHAGES
	Alfonso Torres; Karen Votter; Mark J. Utell; John Whitt; Paul Morrow; Mark W. Frampton, Rochester, New York
95	USE OF BIOMARKERS TO INVESTIGATE OCCUPATIONAL AND ENVIRONMENTAL LUNG DISORDERS
	Paul A. Schulte, Cincinnati
125	INACTIVATION OF NEUTRAL ENDOPEPTIDASE IN LUNG CANCER
	Andrea J. Cohen; Laura B. Gilman; Mark Moore; Wilbur A. Franklin; York E. Miller, Denver
135	RESPIRABLE TIRE FRAGMENTS CONTAIN SPECIFIC IgE-BINDING AND BRIDGING LATEX ANTIGENS
	P. Brock Williams; A. Akasawa; S. Drekin; John C. Selner, Denver
145	MOLECULAR MECHANISMS OF LUNG CANCER: INTERACTION OF ENVIRONMENTAL AND GENETIC FACTORS
	Theodore R. Devereux; Jack A. Taylor; J. Carl Barrett, Research Triangle Park, North Carolina
205	PROMOTING MECHANISMS OF CO ₂ ON NEUROENDOCRINE CELL PROLIFERATION MEDIATED BY NICOTINIC RECEPTOR STIMULATION: SIGNIFICANCE FOR LUNG CANCER RISK IN INDIVIDUALS WITH CHRONIC LUNG DISEASE
	Hildegard Schuller; M. S. Miller; P. G. Park; Mark S. Dinkoff, Knoxville, Tennessee
215	ANGIOGENESIS IN MESOTHELIOMAS: ROLE OF MESOTHELIAL CELL DERIVED IL-3
	Veena B. Antony; Jeffery W. Holt; Steven W. Godbey; Kristin Holm, Indianapolis
225	THE MOLECULAR EPIDEMIOLOGY OF ONCOPROTEINS: SERUM P53 PROTEIN IN PATIENTS WITH ASBESTOSIS
	Kari Hemminki; Riitta Partanen, Huddinge, Sweden; Heikki O. Koskinen, Helsinki, Finland; Steven R. Smith, Sylvania, Ohio; Walter Carney, Cambridge, Massachusetts; Paul Brandt-Rauf, New York
285	CORRELATIVE ASSESSMENT OF MORPHOLOGIC, IMMUNOPHENOTYPIC, AND GENETIC CHANGES IN BRONCHIAL EPITHELIUM OF TOBACCO SMOKERS
	Wilbur A. Franklin; Sean Todd; Robert Gemmill; Henry Drabkin; Robert Cook; Julie Sorenson; Joy Folioford;

	Jerry Haney; Robert Low; Tony Parks; Susan Proudfoot; Timothy C. Kennedy; York E. Miller, Denver
265	CHRYSOLE ASBESTOS INDUCES PDGF-A CHAIN-DEPENDENT PROLIFERATION IN HUMAN AND RAT LUNG FIBROBLASTS IN VITRO
	Joseph A. Lasty, New Orleans; James C. Bonner, Research Triangle Park, North Carolina; Biohong Thonhat; Arnold R. Brody, New Orleans
296	ROLES OF AIRWAY EPITHELIAL INTEGRINS IN HEALTH AND DISEASE
	Dean Sheppard, San Francisco; Yasuyuki Yokosaki, Hiroshima, Japan
335	2A3 AND 3F9: NOVEL LUNG EPITHELIAL ANTIGENS WITH EARLY UPREGULATION IN HYPEROXIC AND RADIATION LUNG INJURY MODELS
	Carlos E. Girod, Denver; Dong Ho Shin, Seoul, Korea; Marc B. Hershenov; Julian Solway, Chicago; Carrie A. Redlich, New Haven, Connecticut; Laura B. Gilman; York E. Miller, Denver
335	SOLUBLE TRANSITION METALS MEDIATE THE ACUTE PULMONARY INJURY AND AIRWAY HYPERREACTIVITY INDUCED BY RESIDUAL OIL FLY ASH PARTICLES
	Kevin Dreher; Richard Jaskot; Urmila Kodavanti; James Lehmann; Darrell Winsett; Daniel Costa, Research Triangle Park, North Carolina
345	ALVEOLAR EPITHELIAL CELL-MACROPHAGE INTERACTIONS IN RESPONSE TO COAL DUST
	D. Eugene Rannels; John W. Swisher; Yu-Chen Lee, Hershey, Pennsylvania
355	ENVIRONMENTAL TOXINS INDUCE INTRACELLULAR RESPONSES OF AIRWAY EPITHELIAL THROUGH REACTIVE SPECIES OF OXYGEN AND NITROGEN
	Lori G. Rochelle; Bernard M. Fischer; Thomas M. Krunosky; David T. Wright; Kenneth B. Adler, Raleigh, North Carolina
395	CIGARETTE SMOKE AND OZONE-INDUCED EPITHELIAL PERTURBATION IN VIVO AND IN VITRO: THE ROLE OF GLUTATHIONE
	William MacNee; D. Morrison; J. Rahman; X. Y. Li; K. Donaldson, Edinburgh, Scotland
405	IMMUNOLOGY, GENETICS, AND EPIDEMIOLOGY OF BERYLLIUM DISEASE
	Lee S. Newman, Denver
435	MIST CELL-ASSOCIATED BASIC FIBROBLAST GROWTH FACTOR IN THE FIBROTIC RESPONSE TO ENVIRONMENTAL TOXINS: THE BERYLLIUM MODEL
	Yoshikazu Inoue; Mark Cornsbee; Elaine Daniloff; Jennifer Lloyd; Sally S. Tinkle; Talmadge E. King, Jr.; Lee S. Newman, Denver
445	BASIC FIBROBLAST GROWTH FACTOR IN FIBROSIS: ALVEOLITIS INDUCED BY OXYGEN STRESS
	Philip L. Sannes; Jody Khosla; Sherwood Johnson; Malgorzata Goralek; Chris McGahan; Monica Leonard, Raleigh, North Carolina
455	GENETIC MARKERS IN BERYLLIUM HYPERSENSITIVITY
	Jose Stubbs; Elias Argyris; Chung Wha Lee; Dimitri Monos; Milton D. Rossman, Philadelphia
455	EXPRESSION OF GENES CODING FOR GROWTH FACTORS IN EXPERIMENTAL PNEUMOCOCCUS
	Gilbert Morris; Jing-Yao Lu; Wei-Hong Lei; Arnold R. Brody, New Orleans
495	MACROPHAGE-LYMPHOCYTE CYTOKINE INTERACTIONS IN SILICOSIS
	Gerald S. Davis; Linda M. Pfeiffer; K. E. Leslie; David R. Hernanway, Burlington, Vermont
515	EPIDEMIOLOGIC METHODS FOR THE STUDY OF OCCUPATIONAL ASTHMA: CURRENT PROBLEMS AND SOLUTIONS
	Mark Cullen, New Haven, Connecticut
545	PULMONARY RESPONSES TO ALLERGENS AND POLLUTANTS
	Michael D. Lebowitz; M. K. O'Rourke, Tucson, Arizona
555	WOOD SMOKE EXPOSURE AND RISK FOR OBSTRUCTIVE AIRWAYS DISEASE AMONG WOMEN
	Rodolfo J. Dennis; Dario Maldonado; Edgardo Baena; Hugo Castaño; Gabriel Martinez; Jose Roberto Velez, Bogota, Colombia
565	OCCUPATIONAL ASTHMA IN A COMMUNITY-BASED SURVEY OF ADULT ASTHMA
	Paul D. Blanc; Miriam Gisternas; Sherman Smith; Edward Yelin, San Francisco
575	GRAIN DUST, ENDOTOXIN, AND AIRFLOW OBSTRUCTION
	David A. Schwartz, Iowa City
635	CIGARETTES ARE A RICH SOURCE OF BACTERIAL ENDOTOXIN
	Jeffrey D. Hasday; Wendy L. Dubin; Thomas Fitzgerald; Rebecca Bascom, Baltimore
645	INFLAMMATORY RESPONSES IN THE LUNG AND CELL ACTIVITY INDICATORS
	Lena Beijer, Gothenburg, Sweden; Robert R. Jacobs,

Birmingham, Alabama; Ragnar Rylander, Gothenburg, Sweden

- 65S USEFULNESS OF ANIMAL MODELS FOR PREDICTING HUMAN RESPONSES TO CHRONIC INHALATION OF PARTICLES

Joe L. Mauderly, Albuquerque, New Mexico

- 68S ULTRAFINE PARTICLES AS POTENTIAL ENVIRONMENTAL HEALTH HAZARD: STUDIES WITH MODEL PARTICLES

Günter Oberdörster, Jacob Finkelstein, Jursi Ferin, Rochester, New York; John Godleski, Boston; Ling-Yi Ching, Durham, North Carolina; Robert Gelein; Carl Johnston, Rochester, New York; James D. Crapo, Durham, North Carolina

- 69S A MODEL OF IMMUNE-MEDIATED LUNG DISEASE IN RATS SENSITIZED TO HOUSE DUST MITE AND UPREGULATION OF IMMUNITY FOLLOWING EXPOSURE TO NITROGEN DIOXIDE

Matthew Ian Gilmour, Mary Jane Selgrade, Research Triangle Park, North Carolina

- 69S TRANSGENIC MODELING OF CYTOKINES IN THE INVESTIGATION OF PULMONARY DISEASE

Jack A. Elias; Gregory P. Gaba; Weiliang Tang, New Haven, Connecticut; Robert J. Schilt, Wallingford, Connecticut; Tao Zheng; Bruno F. DiCenzo; Richard A. Flavell, New Haven, Connecticut

- 73S MAJOR HISTOCOMPATIBILITY COMPLEX CLASS II GENES CONTROL SUSCEPTIBILITY TO HYPERSENSITIVITY PNEUMONITIS IN THE MOUSE

Kevin B. Donnelly, Fort Collins, Colorado; Bradford O. Brooks, Boulder, Colorado; Enderson Cruz; Donald L. Wassom, Fort Collins, Colorado

- 74S CONFERENCE SUMMARY—ENVIRONMENTAL LUNG DISEASE: EXPOSURES AND MECHANISMS

Joseph D. Brain, Boston

NUMBER 4, APRIL, 1996

- 85T PARTNERING TO IMPROVE OUTCOME—CHEST 1996: THE XVII WORLD CONGRESS ON DISEASES OF THE CHEST

Bart Chermow, Baltimore

- 85T POSTTRANSPLANT BRONCHOLITIS OBLITERANS SYNDROME: WHERE HAVE WE BEEN AND WHERE ARE WE GOING?

James H. Dauber, Pittsburgh; Michael R. Litzner, Sepulveda, California; Barry J. Brock, Los Angeles

- 86T SLEEPING IN PREGNANCY: DISEASE OR NOT?

Michael R. Litzner, Sepulveda, California; Barry J. Brock, Los Angeles

- 86T HYPERTENSION AND OSA: SILENT BEDPARTNERS?

Nancy A. Collop, Charleston, South Carolina

- 86T LONG-ACTING β -AGONISTS, TACHYPHYLAXIS, AND CORTICOSTEROIDS

Malcolm R. Sears, Hamilton, Canada

- 86T IS THERE A STANDARD TREATMENT FOR LOCALLY ADVANCED NON-SMALL CELL LUNG CANCER?

Gianfranco Bucchieri, Roccamare, Italy

- 86T LUNG REDUCTION SURGERY: WHERE ARE WE HEADING?

Michael Cutait, Providence, Rhode Island

- 87T DELAYED DEVELOPMENT OF OBLITERATIVE BRONCHOLITIS SYNDROME WITH OKT3 AFTER UNILATERAL LUNG TRANSPLANTATION: A PLEA FOR MULTICENTER IMMUNOSUPPRESSIVE TRIALS

David J. Ross; Stanley C. Jordan, Los Angeles; Steven D. Nathan, Richmond, Virginia; Robert Mace Kass; Spencer K. Koerner, Los Angeles

- 87T CYTOLYTIC THERAPY FOR THE BRONCHOLITIS OBLITERANS SYNDROME COMPLICATING LUNG TRANSPLANTATION

Gregory I. Snell; Donald Steven Emore, Prahran, Australia; Trevor J. Williams, Victoria, Australia

- 87T SELECTIVE ASSESSMENT OF SINGLE LUNG GRAFT FUNCTION WITH ^{133}Xe RADIOPIROMETRY IN ACUTE REJECTION AND INFECTION

Tuula Ikonen; Ari L.J. Harkula; Vuokko L. Kinnula; Jukka Savola; Anssi R.A. Sovijärvi, Helsinki, Finland

- 88S SELF-REPORTED SLEEPING IN PREGNANCY: ASSOCIATION WITH FETAL OUTCOME

Maj Daniel I. Loubie, MC, USA, Kensington, Maryland; J. Steven Pocost, La Jolla, California; Manuel C. Morales, Washington, DC; Maj Mark D. Peacock, MC, USA, Fort Sam Houston, Texas; Merrill M. Miller, La Jolla, California

- 89T THE ROLE OF SLEEP-DISORDERED BREATHING IN ESSENTIAL HYPERTENSION

Timothy V. Coy; Joel E. Dimsdale, La Jolla, California; Sonia Ancoli-Israel; Jack L. Clausen, San Diego

- 89T SLEEP FRAGMENTATION AS A RISK FACTOR FOR

HYPERTENSION IN MIDDLE-AGED NONAPNEIC SNORERS

Frédéric Lofaso; André Coste; Laurent Glais; Alain Harf, Creteil, France; Christian Guilleminault, Palo Alto, California; Françoise Goldenberg, Creteil, France

- 90T UPPER AIRWAY RESISTANCE SYNDROME, NOCTURNAL BLOOD PRESSURE MONITORING, AND BORDERLINE HYPERTENSION

Christien Guilleminault; Riccardo Stoohs, Palo Alto, California; Toshiaki Shiomi, Aichi, Japan; Clete Kushida; Ingela Schnitzler, Palo Alto, California

- 90T THE EFFECT OF TRIAZOLAM AND FLUNITRAZEPAM—TWO BENZODIAZEPINES WITH DIFFERENT HALF-LIVES—ON BREATHING DURING SLEEP

Hartmut Schneider; Ludger Grote; Jörg Hermann Peter; Werner Cassal, Marburg, Germany; Christian Guilleminault, Palo Alto, California

- 91T CHANGES IN CEREBRAL OXYGENATION AND HEMODYNAMICS DURING OBSTRUCTIVE SLEEP APNEAS

Toshiji Hayakawa; Masayoshi Terashima; Yuhei Kayukawa; Tatsuro Ohta; Tamotsu Okada, Nagoya, Japan

- 92T VENTRICULAR ARRHYTHMIAS DURING SEXUAL ACTIVITY IN PATIENTS WITH CORONARY ARTERY DISEASE

Yaacov Drory; Enrique Z. Fisman, Tel Hashomer, Israel; Yitzhak Shapiro, Tel Aviv, Israel; Amos Pines, Kochav Yair, Israel

- 92S RELATION BETWEEN DECREASED CARDIAC RESPONSE TO EXERCISE AND AUTONOMIC NERVOUS ACTIVITY IN MILDLY SYMPTOMATIC PATIENTS WITH IDIOPATHIC DILATED CARDIOMYOPATHY

Hideki Nagacka, Gunma, Japan; Sachio Kubota, Maebashi, Japan; Toshio Iizuka, Gunma, Japan; Susumu Imai, Maebashi, Japan; Ryozo Nagai, Gunma, Japan

- 93T PULMONARY FUNCTION IN PATIENTS RECEIVING LONG-TERM LOW-DOSE METHOTREXATE

Vincent Cottin; Jacques Tobin; Bernard Massonnet; Pierre-Jean Souquet; Jean-Pierre Bernard, Lyon, France

- 93T A PROSPECTIVE STUDY OF PULMONARY FUNCTION IN PATIENTS RECEIVING MITOMYCIN C

Mario Castro, St. Louis; Michael H. Vreder, James A. Meilard; Henry D. Tazelaar, Rochester, Minnesota; James R. Jett, Pittsburgh

- 94S A COMPARATIVE STUDY OF THE CLINICAL EFFICACY OF NEDOCROMIL SODIUM AND PLACEBO: HOW DOES CHROMOLYN SODIUM COMPARE AS AN ACTIVE CONTROL TREATMENT?

Howard J. Schwartz, South Euclid, Ohio; Malcolm N. Blumenfeld, Minneapolis; Raymond Brady, South Euclid, Ohio; Sheldon R. Braun, Columbia, Missouri; Richard F. Loeck, Tampa, Florida; Debra J. Myers, Indianapolis; Lyndon E. Mansfield, El Paso, Texas; Michael F. Mullerkey, Seattle; Gregory R. Owens, Oakmont, Pennsylvania; Paul Ratner, South Euclid, Ohio; Lawrence H. Respher, Wheat Ridge, Colorado; Andre W.W. van As, Prairie Village, Kansas

- 95T INHALED CORTICOSTEROIDS DO NOT PREVENT THE DEVELOPMENT OF TOLERANCE TO THE BRONCHOPROTECTIVE EFFECT OF SALMETEROL

Sanjay Kalra, Rochester, Minnesota; Veronica A. Swytun; Rajesh Bhagat; Donald W. Cockcroft, Saskatoon, Canada

- 95T PARTIAL VS FULL β -RECEPTOR AGONISM: A CLINICAL STUDY OF INHALED ALBUTEROL AND FENOTEROL

Peter R. Bremner, Mt. Lawley, Australia; Robert Siebers; Julian Crane; Richard Beasley; Carl Burgess, Wellington, New Zealand

- 96T TRENDS IN COMPLIANCE WITH BRONCHODILATOR INHALER USE BETWEEN FOLLOW-UP VISITS IN A CLINICAL TRIAL

Michael S. Simmons; Mitchell A. Nides, Los Angeles; Cynthia S. Rand; Robert A. Wise, Baltimore; Donald P. Tashkin, Los Angeles

- 96T INHALATION OF SINGLE VERSUS MULTIPLE METEERED-DOSE BRONCHODILATOR ACTUATIONS FROM RESERVOIR DEVICES: AN IN VITRO STUDY

Joseph L. Rau; Ruben D. Restrepo; Vijay Deshpande, Atlanta

- 97S EFFECT OF 30 MG MORPHINE ALONE OR WITH PROMETHAZINE OR PROCHLORPERAZINE ON THE EXERCISE CAPACITY OF PATIENTS WITH COPD

Richard W. Light; David W. Stanbury; Jeffrey S. Webster, Long Beach, California

- 98T EVALUATION OF PULMONARY LESIONS WITH FDG-PET: COMPARISON OF FINDINGS IN PA-

TIENTS WITH AND WITHOUT A HISTORY OF PRIOR MALIGNANCY

Steven B. Knight; Dominique Delbecq; James R. Stewart; Martin P. Sandler, Nashville, Tennessee

- 98T A CLINICOPATHOLOGIC STUDY OF RESECTED CASES OF ADENOSQUAMOUS CARCINOMA OF THE LUNG

Junzo Shimizu; Makoto Oda; Yoshinobu Hayashi; Akiko Nonomura; Yoh Watanabe, Kanazawa, Japan

- 99S CYFRA 21-1 ENZYME-LINKED IMMUNOSORBENT ASSAY: EVALUATION AS A TUMOR MARKER IN NON-SMALL CELL LUNG CANCER

Rusy Sheng Lai; Hon-Ki Hsu, Kaohsiung, Taiwan; Jau Yeong Lu, Taipei, Taiwan; Luo-Ping Ger, Kaohsiung, Taiwan; Ning-Sheng Lai, Taichung, Taiwan

- 100T RATES OF DECLINE IN LUNG FUNCTION AMONG SUBJECTS WHO RESTART CIGARETTE SMOKING

Diane L. Sherrill; Paul L. Enright; Martha G. Cline; Benjamin Burrows; Michael D. Lebowitz, Tucson, Arizona

- 100S DECREASED CONTENTS OF SURFACTANT PROTEINS A AND D IN BAL FLUIDS OF HEALTHY SMOKERS

Yasuhiro Honda; Hiroki Takahashi; Yoshio Kuroki; Toyoki Akino; Shosaku Abe, Sapporo, Japan

- 101T PULMONARY ABNORMALITIES AND SERUM IMMUNOGLOBULINS IN FACSIMILE MACHINE REPAIR TECHNICIANS EXPOSED TO BUTYL METHACRYLATE FUME

Lawrence W. Raymond, Charlotte, North Carolina

- 101T VENTILATOR-ASSOCIATED PNEUMONIA DUE TO PSEUDOMONAS AERUGINOSA

Susan Cronch Brewer; Richard G. Wunderink; Carol B. Jones; Kenneth V. Leeper, Jr., Memphis, Tennessee

- 103T EFFICACY OF SUBCUTANEOUS SILVER-IMPREGNATED CUFFS IN PREVENTING CENTRAL VENOUS CATHETER INFECTIONS

Nahid W. Hasanian; Michael Angelle; Michael R. Brown; Mihai Yu, Honolulu

- 103T EPIDEMIOLOGY OF SEPSIS AND MULTIPLE ORGAN DYSFUNCTION SYNDROME IN CHILDREN

Francois Proulx; Michael Fayon; Catherine Ann Farrell; Jacques Lacroix; Mario Gauthier, Montreal, Canada

- 103S THE EFFECTS OF NEUROMUSCULAR PARALYSIS ON SYSTEMIC AND PULMONARY OXYGEN UTILIZATION IN MECHANICALLY VENTILATED PATIENTS

Paul E. Marik; David A. Kaufman, Worcester, Massachusetts

- 104T SERIAL PLEURAL FLUID ANALYSIS IN A NEW EXPERIMENTAL MODEL OF EMPHYSEMA

Scott A. Sasser; Liza A. Causaing; Maury Ellis Mulligan; Richard W. Light, Long Beach, California

- 104S CONTINUOUS FIBEROPTIC ARTERIAL AND VENOUS BLOOD GAS MONITORING IN HEMORRHAGIC SHOCK

John M. Orpello; Anthony Menasis; Emily M. Hannan; Andrew Leibowitz; Ernest Benjamin, New York

- 105S GOALS OF ASTHMA MANAGEMENT: A STEP-CARE APPROACH

Roger C. Bone, Toledo, Ohio

- 106T PULMONARY COMPLICATIONS OF BONE MARROW TRANSPLANTATION

Ayman O. Soubani, East Meadow, New York; Kenneth B. Miller; Paul M. Hassoun, Boston

- 107S CROSS-SHIFT CHANGES IN BLOOD INFLAMMATORY MARKERS OCCUR IN THE ABSENCE OF AIRWAY OBSTRUCTION IN WORKERS EXPOSED TO GRAIN DUST

Pau J.A. Borm; Roel P.F. Schins; Thim J.J.M. Darhaag; Umet Karit; Tim H.J.M. Jans, Maastricht, the Netherlands

- 108S NASAL LAVAGE CELLULARITY, GRAIN DUST, AND AIRFLOW OBSTRUCTION

Christine A. Blaski, West Branch, Iowa; Janet L. Watt; Timothy J. Quinn; Peter S. Thorne; David A. Schwartz, Iowa City

- 109S MANAGEMENT OF PLEURAL EFFUSION OF CIRRHOTIC ORIGIN

Jérôme Mouroux; Christophe Perrin; Nicolas Venisseac; Bruno Blaive; Henri Richelme, Nice, France

- 109T CLOSURE OF A POSTPNEUMONECTOMY MAIN BRONCHUS FISTULA USING VIDEO-ASSISTED MEDIASTINAL SURGERY

Jacques Azorin; Marc P. Francisci; Bruno Tremblay; Philippe Lammignat; Didier Carvallo, Bobigny, France

- 109T ROUTINE VIDEO-ASSISTED THORACOSCOPY PRIOR TO THORACOTOMY

Anthony Ping Chuen Yim, Hong Kong

- 110T REFRACTORY HYPOXEMIA IN A MORBIDLY OBESE 28-YEAR-OLD WOMAN

Nancy A. Collop, Charleston, South Carolina

- 110S LATE EXTRUSION OF PULMONARY PLOMBAGE

Richard B. Gundersen; Jemi Olak; Manu Jain, Chicago

- 1106 LEFT ATRIAL MYXOMA AND ACUTE MYOCARDIAL INFARCTION: A DANGEROUS DUO IN THE THROMBOLYTIC ERA
Vivian M. Abascal, Framingham, Massachusetts; John Kasznica; Gabriel S. Aldes; Ramin Davidoff, Boston
- 1109 ACTINOMYCES ODONTOLYTICUS THORACIC PNEUMONIA: TWO CASES IN LUNG AND HEART-LUNG TRANSPLANT RECIPIENTS AND A REVIEW OF THE LITERATURE
Ali G. Bassiri, Palo Alto, California; Rade E. Gergis, Sunnyvale, California; James Theodore, Stanford, California
- 1111 PULMONARY EMBOLISM WITH DUPLICATED INFERIOR VENA CAVA
Christosomou Kouroulis; Jacques Leclerc, Montreal, Canada
- 1114 PULMONARY EDEMA IN A WOMAN FOLLOWING FETAL SURGERY
Elaine M. DiFede; Michael R. Harrison; Michael A. Mathay, San Francisco
- 1118 TRAUMATIC AORTIC INCOMPETENCE ASSOCIATED WITH TRANSECTION OF THE THORACIC AORTA
Ralph F. Paine, Las Cruces, New Mexico; Joe N. Kidd; David J. Dobrin; George J. DiDonna, El Paso, Texas
- 1119 TRANSMISSION OF INVASIVE ASPERGILLOSIS FROM A SUBCLINICALLY INFECTED DONOR TO THREE DIFFERENT ORGAN TRANSPLANT RECIPIENTS
Michael R. Keating; Marco A. Guerrero; Richard C. Daly; Randall C. Walker; Scott F. Davies, Minneapolis
- 1124 NONINVASIVE DIAGNOSIS AND TREATMENT OF A SADDLE PULMONARY EMBOLISM: A CASE REPORT IN SUPPORT OF NEW TRENDS IN MANAGEMENT OF PULMONARY EMBOLISM
Adam Torbicki; Ryszard Pacho; Piotr Jedrusik; Piotr Pruszczyk, Warsaw, Poland
- 1127 BAROTRAUMA VS VOLUNTARY TRAUMA
David C. Chao; David J. Scheinhorst, Los Angeles
- 1128 PROPOFOL FOR ICU SEDATION
Elden Sherman, Charleston, South Carolina
Response—Joseph V. Miranda; Gregory Broyles, Roanoke, Virginia
- 1129 PREFLIGHT EVALUATION: PATIENTS AND METHODS
Parthasarathi Bhattacharya, Chandigarh, India; Menohar Lal Gupta, Jaipur, India
Response—Li Thomas A. Dillard, MC, USA, Tacoma, Washington
- 1129 VOLUME REDUCTION SURGERY: HOW SELECTIVE SHOULD WE BE?
John D. Miller; David G. Stubbings; David Higgins; Gerald Cox; Louis Quinones; Andrea Tkaczuk, Hamilton, Canada
- 1130 TREAT PATIENTS WHO HAVE NOCTURNAL ASTHMA WITH ANTI-INFLAMMATORY DRUGS FIRST
Johan B. Wempe; Ytche Osterhoff; Gerard H. Koeter; Dirkje Spoljke Postma, Groningen, the Netherlands
- 1130 CONSIDER ANTI-CMV THERAPY
Phillipa H. Hawley; N. Chari; James A. Russell; Julio S.G. Montaner, Vancouver, Canada
- 1130 FACILITATION OF PERCUTANEOUS DILATIONAL TRACHEOSTOMY BY USE OF A PERFORATED ENDOTRACHEAL TUBE EXCHANGER
Richard M. Cooper; Jonathan C. Irish; Dale H. Brown, Toronto, Canada
Response—Peter Deblieux; Bennett P. deBoisblanc, New Orleans
- 1132 NOT TOO CONSERVATIVE TREATMENT OF OVER-ANTICOAGULATED PATIENTS
Bernardo B. Fernandez, Jr., Ft. Lauderdale, Florida
Response—Jon J. Glover; Gregory B. Morill, Tucson, Arizona
- 1132 CHECK OUT THIS CTI
Robert M. Bonushok; Mark Schwimmer; Robert Appelman, Hallandale, Florida
- 1133 RESPIRATORY INFECTIONS: AN OPPORTUNITY FOR INTEGRATED DISEASE MANAGEMENT
Michael S. Niederman, Minnesota, New York
- 1135 OBSERVANCE OF LONG-TERM OXYGEN THERAPY AT HOME
Emmanuel Weitzendorn, Strasbourg, France
- 1136 A PERSPECTIVE ON RADIATION THERAPY FOR LUNG ALLOGRAFT REJECTION
Edward R. Garrity, Jr., Maywood, Illinois
- 1138 DISCORDANCE OF TUMOR DIAGNOSIS FOR BRONCHIAL BIOPSIES
Robin T. Vollmer, Durham, North Carolina
- 1139 ANGINA-LIKE CHEST PAIN: HEART, ESOPHAGUS, OR SOMETHING ELSE?
Joel E. Richter, Cleveland
- 1140 OA FOR OSA
Wolfgang Schmid-Nowara, Albuquerque
- 1141 DIFFERENTIATING TOTAL WORK OF BREATHING INTO ITS COMPONENT PARTS: ESSENTIAL FOR APPROPRIATE INTERPRETATION
Michael J. Banner; Robert R. Kirby; Paul B. Blanch, Gainesville, Florida
- 1144 LONG-TERM OXYGEN THERAPY AT HOME: COMPLIANCE WITH MEDICAL PRESCRIPTION AND EFFECTIVE USE OF THERAPY
Jean-Louis Pépin; Claude Elisabeth Berthou; Christine Deschaux; Christian Brambilla, Grenoble, France
- 1151 COMPARISON OF OXYGEN SATURATION BY PULSE OXIMETRY AND CO-OXIMETRY DURING EXERCISE TESTING IN PATIENTS WITH COPD
Jeffrey McGovern; Scott A. Sasse; David W. Stanbury; Liza A. Causling; Richard W. Light, Long Beach, California
- 1156 EFFECTS OF LONG-TERM TREATMENT WITH CORTICOSTEROIDS IN COPD
Tineke E.J. Renskens; Jan P. Schouten; Gerard H. Koster; Dirkje S. Postma, Groningen, the Netherlands
- 1163 SPIROMETRY AND DYSPNEA IN PATIENTS WITH COPD: WHEN SMALL DIFFERENCES MEAN LITTLE
Donald A. Redelmeier; Roger S. Goldstein; Simon T. Min; Robert H. Hyland, Toronto, Canada
- 1169 DYSPNEA RATINGS FOR PRESCRIBING EXERCISE INTENSITY IN PATIENTS WITH COPD
Mitchell B. Horowitz; Leabanon, New Hampshire; Benjamin Littenberg; Research Triangle Park, North Carolina; Donald A. Mahler, New Hampshire
- 1176 SEVERE OSTEOPOROSIS BEFORE AND AFTER LUNG TRANSPLANTATION
Robert M. Aris; Isabel P. Neuringer; Meredith A. Weiner; Thomas M. Egan; David Orfies, Chapel Hill, North Carolina
- 1184 TOTAL LYMPHOID IRRADIATION FOR REFRACTORY ACUTE REJECTION IN HEART-LUNG AND LUNG ALLOGRAFTS
Vincent G. Valantine, New Orleans; Robert C. Robbins, Palo Alto, California; John H. Wehrner, San Jose, California; Hiren R. Patel; Gerald J. Berry; James Theodore, Stanford, California
- 1190 PLEURAL EFFUSIONS FOLLOWING LUNG TRANSPLANTATION: TIME COURSE, CHARACTERISTICS, AND CLINICAL IMPLICATIONS
Marc A. Judson; John R. Handy; Steven A. Sahn, Charleston, South Carolina
- 1195 A RANDOMIZED, DOUBLE-BLIND, PLACEBO-CONTROLLED STUDY OF LORAZEPAM AS PREMEDICATION FOR BRONCHOSCOPY
François Maltais; Francis Laberge; Ste Foy, Canada; Michel Lavoie, Cap Rouge, Canada
- 1199 CELL TYPE ACCURACY OF BRONCHIAL BIOPSY SPECIMENS IN PRIMARY LUNG CANCER
Juan J. Soler; Miguel Perpin; Jose V. Greese; Victor Calvo; Jose D. Padilla; Francisco Paris, Valencia, Spain
- 1204 COMPARISON OF QUANTITATIVE CULTURES TO SEMIQUANTITATIVE LOOP CULTURES OF BRONCHOSCOPIC PROTECTED SPECIMEN BRUSH SAMPLES
Robert M. Middleton, III, McComb, Mississippi; Major William Huff, Mobile, Alabama; David A. Brickey, San Antonio, Texas; Michael B. Kirkpatrick, Mobile, Alabama
- 1210 PREVALENCE OF ESOPHAGEAL DISORDERS IN PATIENTS WITH CHEST PAIN NEWLY REFERRED TO THE CARDIOLOGIST
Jan-Henk Voskuil; Maarten Jan Cramer; Ronald Braumelhof; Robin Timmer; Nieuwegein, the Netherlands; André J.P.M. Smout, Utrecht, the Netherlands
- 1215 EFFECTS OF HYPERCAPNIA ON HEMODYNAMIC, INOTROPIC, LUSTROPIC, AND ELECTROPHYSIOLOGIC INDICES IN HUMANS
David G. Kiely, Dundee, Scotland; Robert I. Cargill, Inverness, Scotland; Brian J. Lipworth, Dundee, Scotland
- 1222 PREOPERATIVE PREDICTION OF POSTOPERATIVE RESPIRATORY OUTCOME: CORONARY ARTERY BYPASS GRAFTING
Simon D. Spivack, Albany, New York; Tamotsu Shinzaki, Burlington, Vermont; John J. Albertini, Tampa, Florida; Robert Deane, Burlington, Vermont
- 1231 BILATERAL AND UNILATERAL USE OF INTERNAL THORACIC ARTERY FOR MYOCARDIAL REvascularization: COMPARISON OF EXTUBATION OUTCOME AND DURATION OF HOSPITAL STAY
Piotr Knapik; Thomas J. Spyt; James B. Richardson; Ian McLeellan, Leicester, England
- 1234 THORACOSCOPIC MANAGEMENT OF MALIGNANT PLEURAL EFFUSIONS
Anthony Ping Chuen Yim; Shu Shek Chung; Tak Wai Lee; Chuen Kwong Lam; Jonathan K.S. Ho, Hong Kong, Hong Kong
- 1239 TREATMENT OF MALIGNANT MESOTHELIOMA WITH METHOTREXATE AND VINBLASTINE, WITH OR WITHOUT PLATINUM CHEMOTHERAPY
Karen J. Hunt; Gary Longtin; Margaret A. Williams; Robert B. Livingston, Seattle
- 1243 LEGIONELLA SPECIES COMMUNITY-ACQUIRED PNEUMONIA: A REVIEW OF 56 HOSPITALIZED ADULT PATIENTS
David Lieberman, Beer Sheva, Israel; Avi Porath; Francis Schaeffer; Devora Lieberman, Beer Sheva, Israel; Ida Boldur, Zertlin, Israel
- 1250 AEROSOLIZED PENTAMIDINE AS ALTERNATIVE PRIMARY PROPHYLAXIS AGAINST PNEUMOCYSTIS CARINII PNEUMONIA IN ADULT HEPATIC AND RENAL TRANSPLANT RECIPIENTS
Kai Saukko, Concord, Massachusetts; Robert Garland; Henry Kozel, Boston
- 1256 EVALUATION OF HELIOX IN CHILDREN HOSPITALIZED WITH ACUTE, SEVERE ASTHMA: A RANDOMIZED CROSSOVER TRIAL
Lt. Edward R. Carter, Tacoma, Washington; Cpt Craig R. Webb, Heidelberg, Germany; Donald R. Moffitt, Tacoma, Washington
- 1262 HABITUAL COUGHING AND ITS ASSOCIATIONS WITH ASTHMA, ANXIETY, AND GASTROESOPHAGEAL REFLUX
Dóra Lúdvígsdóttir; Eythór H. Björnsson; Christer Janson; Gunnar Boman, Uppsala, Sweden
- 1269 A RANDOMIZED CROSSOVER STUDY OF AN ORAL APPLIANCE VS NASAL-CONTINUOUS POSITIVE AIRWAY PRESSURE IN THE TREATMENT OF MILD-MODERATE OBSTRUCTIVE SLEEP APNEA
Kathleen Anne Ferguson, London, Canada; Takashi Ono, Alan A. Lowe; Sean P. Keenan; John A. Fleetham, Vancouver, Canada
- 1276 SERUM KL-6 FOR THE EVALUATION OF ACTIVE PNEUMONITIS IN PULMONARY SARCOIDOSIS
Jun Kobayashi; Satoshi Kikunaga; Toshiyuki Japan
- 1283 AVERAGED AND TIME-GATED SPECTRAL ANALYSIS OF RESPIRATORY SOUNDS: REPEATABILITY OF SPECTRAL PARAMETERS IN HEALTHY MEN AND IN PATIENTS WITH FIBROSING ALVEOLITIS
Ansel R.A. Sovijarvi; L. Pekka Malmberg; Erkki Paajanen; Päivi L. Piirila, Helsinki, Finland; Kari Kallio, Espoo, Finland; Toivo Kallio, Helsinki, Finland
- 1291 PHARMACODYNAMICS AND PHARMACOKINETICS OF MILRINONE ADMINISTRATION TO INCREASE OXYGEN DELIVERY IN CRITICALLY ILL PATIENTS
Richard C. Frieppel; Drew MacGregor; John F. Butterworth, IV; J. Wayne Meredith, Winston-Salem, North Carolina; Jerrold H. Levy, Atlanta; Kenneth E. Wood; Douglas B. Cousins, Madison, Wisconsin
- 1302 HEMODYNAMIC EFFECTS OF IV MILRINONE LACTATE IN PEDIATRIC PATIENTS WITH SEPTIC SHOCK: A PROSPECTIVE, DOUBLE-BLIND, RANDOMIZED, PLACEBO-CONTROLLED, INTERVENTIONAL STUDY
Phil Barton; Jorge Garcia; Amjad Koutli; Louann Kitchen; Amy Zorka; Christine Lindsay; Dallas; Stephen T. Lawless, Wilmington, Delaware; Brett Giroir, Dallas
- 1313 VOLEMIC STATUS INFLUENCES THE RESPONSE OF PLASMA ATRIAL NATRIURETIC FACTOR TO POSITIVE AIRWAY PRESSURE
Philippe Beuret; François Feit; Jürg Nussberger; Hans-Rudolf Brunner; Claude Perret, Lausanne, Switzerland
- 1320 MECHANISM OF RELIEF OF TACHYPNEA DURING PRESSURE SUPPORT VENTILATION
Kenneth I. Berger, Riverdale, New York; I. Barry Sorokin; Robert G. Norman; David M. Rapoport; Roberts M. Goldring, New York
- 1328 LOCAL INCREASE IN POLYMORPHONUCLEAR LEUKOCYTE ELASTASE IS ASSOCIATED WITH TUMOR INVASIVENESS IN NON-SMALL CELL LUNG CANCER
Jun-ichi Yamashita, Kumamoto, Japan; Kotaro Tashiro; Satoshi Yoneda; Katsunobu Kawahara, Fukuoka, Japan; Takayuki Shirakusa, Katsuyasu, Japan
- 1335 EVALUATION OF A NEW THIN-WALLED ENDOTRACHEAL TUBE FOR USE IN CHILDREN
Regina S. Okhuysen; Frank Brister; Susanna Burkhead; Houston; Theodor Kolobov, Bethesda, Maryland; Kevin P. Lally, Houston
- 1339 EFFECTS OF STEROIDS ON THE LUNG ACCUMULATION OF NEUTROPHIL AND MONOCYTE IN RABBITS WITH ENDOTOXEMIA
Mitsuhito Nakagawa, Kagawa, Japan; Masahiro Ohgami; Nobutoshi Ando; Go Wakabayashi; Masaki Kitajima, Tokyo, Japan
- 1346 TREATMENT OF OBSTRUCTIVE SLEEP APNEA: A REVIEW

NUMBER 5, MAY, 1996

- David W. Hudgel, Cleveland
- 1359 COST-EFFECTIVENESS IN CLINICAL CARDIOLOGY. PART 1: CORONARY ARTERY DISEASE AND CONGESTIVE HEART FAILURE
Howard J. Wilkins; Simon C. Chakko; Jeffrey Simmons; Kenneth M. Kessler, Miami
- 1370 BRONCHOPROVOCATION TESTS IN THE DIAGNOSIS OF ISOCYANATE-INDUCED ASTHMA
Daniel E. Banks, Morgantown, West Virginia; Susan M. Tarlo, Toronto, Canada; Fawzi Masri, Morgantown, West Virginia; Roy J. Rando, New Orleans; David N. Weissman, Morgantown, West Virginia
- 1380 PNEUMONIA WITH AN ENLARGED CARDIAC SILHOUETTE
Gregory B. Tirdet; Gary H. Gibbons; Robert S. Fishman, Stanford, California
- 1383 A CHEST RADIOGRAPH SHOWING ABNORMAL MEDIASTINAL CONTOUR
Nonproductive cough, dyspnea, malaise, and night sweats in a 47-year-old woman
Arun Adakha; Elizabeth Kang; Kiran Adakha; Jay H. Ryu, Rochester, Minnesota
- 1388 PULMONARY VENO-OCCLUSIVE DISEASE IN AN ADULT FOLLOWING BONE MARROW TRANSPLANTATION: CASE REPORT AND REVIEW OF THE LITERATURE
Luke M. Williams; Stephanie Fussell; Robert W. Veith; Steve Nelson; Carol M. Mason, New Orleans
- 1391 TWIDDLER'S SYNDROME COMPLICATING A TRANSVENOUS DEFIBRILLATOR LEAD SYSTEM
Michael de Buitre; Charles C. Carver, Madison, Wisconsin
- 1394 PNEUMOCYSTIS ASSOCIATED WITH CLINICAL AND ECHOCARDIOGRAPHIC FEATURES SIMULATING HYPERTROPHIC OBSTRUCTIVE CARDIOMYOPATHY
Kenneth R. Huddle; Byron Kallitakis; Bertsham, South Africa; John Skoularis, Soweto, South Africa
- 1397 AZATHIOPRINE AS A STEROID-SPARING AGENT IN RADIATION PNEUMONITIS
Matthew J. McCarty, Fayetteville, North Carolina; Patricia Liles; Svetislava J. Vukelj, Fort Sam Houston, Texas
- 1400 ATRIAL MYXOMATOSIS: A SYSTEMIC DISEASE: PROFILE MODIFIED BY FLURBIPROFEN ADMINISTRATION
Nadine Boulanger; Dominique El Kouri; Fanny Gailard; Jean Luc Michaud; Bernard Planchon, Nantes, France
- 1401 UNUSUAL COMPLICATIONS AFTER EMBOLIZATION OF A PULMONARY ARTERIOVENOUS MALFORMATION
Tjeerd Haljema; Jamin M. Ten Berg; Timotheus Th. C. Overtoom; Joseph M.P.G. Ernst; Cornelis J.J. Westermann, Nieuwegein, the Netherlands
- 1404 DESCENDING NECROTIZING MEDIASTINITIS CAUSING PLEURO-ESOPHAGEAL FISTULA: SUCCESSFUL TREATMENT BY COMBINED TRANS-CERVICAL AND PLEURAL DRAINAGE
Ph. M. Kruyt; Anco Boonstra; P. Fockens; J.W.A.J. Reenders; J. J. B. van Lanschot, Amsterdam, the Netherlands
- 1408 EVALUATING WORK OF BREATHING MEASUREMENTS IN WEANING
Sidney Teasler; Yizhak Y. Kupfer, Brooklyn, New York
Response—Orlando C. Kiron; C. Bryan DeHaven, Miami
- 1409 LUNG HEALTH IN SAWMILL WORKERS EXPOSED TO PINE AND SPRUCE
Urban Johard, Stockholm, Sweden
- 1410 SMEAR NEGATIVE, CULTURE POSITIVE AFB BRONCHIAL WASHINGS: INFECTION CONTROL IMPLICATIONS
Inge Gurevich; Antonio Ortega; Burke A. Cunha, Mineola, New York
- 1411 THAT'S NO LADY
Michael D. Iseman, Denver
- 1411 MAGNESIUM SAGA
Badar Kanwar; Vito A. Angelillo, Omaha, Nebraska
- 1412 ISONIAZID SAFETY
Michael Beller, Anchorage, Alaska
Response—Jayant B. Mehta, Johnson City, Tennessee
- 1412 RELATIONSHIP BETWEEN THE 6-MIN WALK TEST AND MAXIMAL OXYGEN CONSUMPTION
Richard L. Jones, Edmonton, Canada
- 1413 HEPATOCYTE GROWTH FACTOR AND IDIOPATHIC PULMONARY FIBROSIS
Jiro Fujita; Ichiro Yamadori; Satoko Hojo; Yasufumi Yamaji; Jiro Takahara, Kagawa, Japan
- 1413 CARDIAC TROPONINS IN THE DIAGNOSIS OF MYOCARDIAL CONTUSION
Basil M. Rudzky, Wilkes-Barre, Pennsylvania

1414 GOODBYE TO ABCD RESUSCITATION? Alan Gilston, London, England

NUMBER 5, MAY, 1996 Supplement

- 79S INTRODUCTION—NSCLC: PLANNING FOR THE FUTURE
J. Gordon McVie, London, England
- 80S CHEMOTHERAPY FOR ADVANCED DISEASE: HOW TO RAISE ENTHUSIASM
J. Gordon McVie, London, England
- 83S EFFICIENT DESIGNS FOR TESTING NEW AGENTS AND REGIMENS
Andrea Ardizzone, Genova, Italy
- 87S AGGRESSIVE VS NONAGGRESSIVE THERAPY IN METASTATIC NSCLC
Nicholas Thatcher; Robert M. Niven; Heather Anderson, Manchester, England
- 93S THE ROLE OF NEOADJUVANT CHEMOTHERAPY IN NSCLC
Maurizio Tonato, Perugia, Italy
- 96S BENEFITS OF NEOADJUVANT CHEMOTHERAPY IN NSCLC
Ugo Pastorino, London, England
- 102S THE ROLE OF INDUCTION (NEOADJUVANT) CHEMOTHERAPY IN STAGE IIIA NSCLC
Rafael Rosell; Albert Font; Alex Pifarre; Mercedes Canela; Joan Maurel; Antonio Arellano, Barcelona, Spain; Jose Izquierdo, Madrid, Spain
- 107S CHEMOTHERAPY FOR ADVANCED NSCLC: WILL META-ANALYSIS PROVIDE THE ANSWER?
Thierry Le Chevalier, Villejuif, France
- 110S QUALITY OF LIFE AS A NEW END POINT
Paris Kosmidis, Piraeus, Greece
- 113S QUALITY OF LIFE AND SUPPORTIVE CARE IN THE TREATMENT OF NSCLC
Christian Manegold; Reinhold Schwarzer, Heidelberg, Germany
- 115S DO RADIOSENSITIZERS ENHANCE THE TREATMENT OF NSCLC? THE NEED FOR BETTER MODELS AND ALTERNATIVE METHODS OF TREATMENT
Simon Van Belle, Gent, Belgium
- 119S BIOLOGICAL TREATMENT OF NSCLC: THE NEED FOR CONCLUSIVE STUDIES
Jacek Jassem, Gdansk, Poland
- 125S CANCER GENETICS AND CELL AND MOLECULAR BIOLOGY: IS THIS THE WAY FORWARD?
John F. Smyth, Edinburgh, England
- 130S ONCOGENES AND ANTI-ONCOGENES IN LUNG TUMORIGENESIS
Giuseppe Giaccone, Amsterdam, the Netherlands

NUMBER 6, JUNE, 1996

- 1415 CPR OR DNR: LESSONS FROM THE BUDDHA
Patricia Eichenbaum Karetzky, New Rochelle, New York; Monroe S. Karetzky, Newark, New Jersey; Robert D. Brandstetter, New Rochelle, New York
- 1416 FULL-TIME INTENSIVISTS FOR APPROPRIATE CARE OF THE CRITICALLY ILL AND INJURED
Max H. Weil, Palm Springs, California
- 1416 OSA AND CARDIOVASCULAR MORBIDITY: WILL CPAP PROVE TO BE EFFECTIVE?
Clifford W. Zwillich, Hershey, Pennsylvania
- 1417 PICKING UP THE PIECES: THE CONSEQUENCES OF SLEEP FRAGMENTATION
Riccardo Stoohs, Palo Alto, California
- 1419 TRANSUDATE VERSUS EXUDATE: GENUI!
Thaddeus C. Bartter; Rocco J. Santarelli; Melvin R. Pratt, Camden, New Jersey
- 1421 CONTINUOUS ECG MONITORING FOR ISCHEMIA IN THE ICU
Norman W. Rizk, Stanford, California
- 1423 PROSPECTIVE EVALUATION OF A SEMIQUANTITATIVE DIP SLIDE METHOD COMPARED WITH QUANTITATIVE BACTERIAL CULTURES OF BRONCHOALVEOLAR LAVAGE FLUID
Rudolf Speich; Jürg Wüest; Thomas Hess; Fritz H. Kayser; Erich W. Russi, Zurich, Switzerland
- 1430 BAL IN CHILDREN: A CONTROLLED STUDY OF DIFFERENTIAL CYTOLOGY AND CYTOKINE EXPRESSION PROFILES BY ALVEOLAR CELLS IN PEDIATRIC SARCOIDOSIS
Valerie Tessier; Katarina Chadelat; Armelle Baculard; Bruno Housset; Annick Clement, Paris, France
- 1439 EARLY DIAGNOSIS AND ESTIMATION OF PULMONARY CONGESTION AND EDEMA IN PATIENTS

- WITH LEFT-SIDED HEART DISEASES FROM HISTOGRAM OF PULMONARY CT NUMBER
Shiro Kato; Takaaki Nakamoto; Masahiro Iizuka, Tochigi, Japan
- 144S ECHO-DOPPLER EVALUATION OF LEFT VENTRICULAR IMPAIRMENT IN CHRONIC COR PULMONALE
Miriam Schena; Enrico Cini; Donatella Errera; Arnaldo Quadri, Gussago, Italy
- 145S INTRAPERICARDIAL MINOCYCLINE SCLEROSIS FOR MALIGNANT PERICARDIAL EFFUSION
Ilan Lashevsky; Rami Ben Yosef; Diana Rinkavich; Shimon A. Reiser; Walter Markiewicz; Herta, Israel
- 145S INTRAOPERATIVE PHRENIC NERVE MONITORING IN CARDIAC SURGERY
Maurizio Mazzoni; Costantino Solinas; Erminio Stello; Franco Bortone; Giuseppe Susini, Milano, Italy
- 146S A COMPARATIVE STUDY OF THORACOSCOPIC VS OPEN REMOVAL OF BENIGN NEUROGENIC MEDIASTINAL TUMORS
Michael Bousama II; George B. Haasler, Milwaukee; G. Alexander Patterson; Charles L. Roper, St. Louis
- 146S PATHOLOGIC CHANGES OF THE TRACHEA AFTER PERCUTANEOUS DILATATIONAL TRACHEOTOMY
L.W. Ernest van Heurn; Paul H.M.H. Theunissen; Hoerlen, the Netherlands; Graham Ramsay; Maas-tricht, the Netherlands; Peter R.G. Brink, Hoerlen, the Netherlands
- 147S SELF-REPORTED USE OF CPAP AND BENEFITS OF CPAP THERAPY: A PATIENT SURVEY
Heather M. Engleman; Nina Asgari-Jirandeh; Andrew L. McLeod; Crichton F. Ramsay; Ian J. Deary; Neil J. Douglas, Edinburgh, U.K.
- 147S A CROSSOVER STUDY COMPARING THE EFFICACY OF CONTINUOUS POSITIVE AIR PRESSURE WITH ANTERIOR MANDIBULAR POSITIONING DEVICES ON PATIENTS WITH OBSTRUCTIVE SLEEP APNEA
Glenn T. Clark, Los Angeles; Israel Blumenfeld; Naama Yoffe; Eli Peled; Peretz Lavie, Haifa, Israel
- 148S EFFECT OF JAW POSITION AND POSTURE ON FORCED INSPIRATORY AIRFLOW IN NORMAL SUBJECTS AND PATIENTS WITH OBSTRUCTIVE SLEEP APNEA
Shin-ichi Masumi; Keisuke Nishigawa; Adrian J. Williams; Frisca L. Yan-Go; Glenn T. Clark, Los Angeles
- 149S SLEEP APNEA IMPAIRS THE AROUSAL RESPONSE TO AIRWAY OCCLUSION
Richard B. Berry; Kerry G. Kouchi; Dennis E. Der; Michael J. Dickel; Richard W. Light, Long Beach, California
- 149S PERIODIC LIMB MOVEMENTS DURING SLEEP IN PATIENTS WITH CONGESTIVE HEART FAILURE
Patrick J. Hanly; Naheed Zuberi-Khokhar, Toronto, Canada
- 150S A STUDY OF LIGHT'S CRITERIA AND POSSIBLE MODIFICATIONS FOR DISTINGUISHING EXUDATIVE FROM TRANSUDATIVE PLEURAL EFFUSIONS
Manuel Vives; José M. Porcel; MacCarmen Vicente de Vera; Enrique Ribelles; Manuel Rubio, Lleida, Spain
- 150S EVOLUTION OF IDIOPATHIC PLEURAL EFFUSION: A PROSPECTIVE, LONG-TERM FOLLOW-UP STUDY
Jaume Ferrer; Xavier Muñoz; Ramon Oriols, Barcelona, Spain; Richard W. Light, Long Beach, California; Ferran Morell, Barcelona, Spain
- 151S INTRAPLEURAL FIBRINOLYSIS WITH STREPTOKINASE AS AN ADJUNCTIVE TREATMENT IN Hemothorax and Empyema: A MULTICENTER TRIAL
Carlos Jerjes-Sanchez, Monterrey, Mexico; and the Collaborative Group Investigators of Intrapleural Fibrinolysis
- 152S EUCAPNIC VOLUNTARY HYPERVENTILATION AS A BRONCHOPROVOCATION TECHNIQUE: DEVELOPMENT OF A STANDARDIZED DOSING SCHEDULE IN ASTHMATICS
Maj Gregory J. Argyros, MC, USA, Washington, DC; James M. Roach, Natick, Massachusetts; Kenneth M. Hurwitz, Burtonsville, Maryland; Lic Ann H. Eliasson, MC, USA; Col Yancy Y. Phillips, MC, USA, Washington, DC
- 152S VENTILATORY RESPONSE TO CONTINUOUS INCREMENTAL CHANGES IN RESPIRATORY RESISTANCE IN PATIENTS WITH MILD ASTHMA
Katsuya Fujimori, Shibata, Japan; Makoto Satoh; Masaaki Arakawa, Niigata, Japan
- 153S EVIDENCE OF AIRWAY OBSTRUCTION IN CHILDREN WITH IDIOPATHIC SCOLIOSIS
Joseph T. Boyer; Nikhil Amin; Rudolph Taddonio; Allen J. Dozor, Valhalla, New York
- 153S PREVALENCE OF ALLERGIC BRONCHOPULMO-

- NARY ASPERGILLOSIS AND ATOPY IN ADULT PATIENTS WITH CYSTIC FIBROSIS
Jonathan W. Becker, Wylie Burke, Gwen McDonald, Seattle; Paul A. Greenberger, Chicago; William R. Henderson, Jr., Moira L. Aiken, Seattle
- 1541 IS RESECTION OF BRONCHIECTASIS BENEFICIAL IN PATIENTS WITH PRIMARY CILIARY DYSKINESIA?
Hans J.M. Smit, Nieuwegein, the Netherlands; Ad J.M. Schreurs, Amsterdam, the Netherlands; Jules M.M. Van den Bosch; Cornelis J.J. Westermann, Nieuwegein, the Netherlands
- 1545 PULSED DELIVERY OF INHALED NITRIC OXIDE TO PATIENTS WITH PRIMARY PULMONARY HYPERTENSION: AN AMBULATORY DELIVERY SYSTEM AND INITIAL CLINICAL TESTS
Richard N. Channick; John N. Newhart; F. Wayne Johnson; Penny J. Williams; William R. Auger; Peter F. Fedullo; Kenneth M. Moser, San Diego
- 1550 THE HYPOTENSIVE EFFECT OF L-ARGININE IS ASSOCIATED WITH INCREASED EXPIRED NITRIC OXIDE IN HUMANS
Sanjay Mehta, Framingham, Massachusetts; Durcan J. Stewart; Robert D. Levy, Montreal, Canada
- 1556 CHLORHEXIDINE GLUCONATE 0.12% ORAL RINSE REDUCES THE INCIDENCE OF TOTAL NOSOCOMIAL RESPIRATORY INFECTION AND NONPHYLACTIC SYSTEMIC ANTIBIOTIC USE IN PATIENTS UNDERGOING HEART SURGERY
Anthony J. DeRiso II; Joseph S. Ladowski; Todd A. Dillon; John W. Justice; Alla C. Peterson, Fort Wayne, Indiana
- 1562 INCIDENCE AND SIGNIFICANCE OF ACID-FAST BACILLI IN SPUTUM SMEARS AT THE END OF ANTITUBERCULOUS TREATMENT
Rafael Vidal; Nuria Martín-Casabona; Arturo Juan; Teresa Falgueras; Marc Miravettes, Barcelona, Spain
- 1566 PATHOPHYSIOLOGY OF ACTIVITY LIMITATION IN PATIENTS WITH INTERSTITIAL LUNG DISEASE
James E. Hansen, San Pedro, California; Karlman Wasserman, Torrance, California
- 1577 CARDIAC ISCHEMIA DURING WEANING FROM MECHANICAL VENTILATION
Wissam Chatila, MD; Salim Ani; Denise Guaglianone; Yaw Amoeteng-Adjepong; Constantine A. Manthous; Badie Jacob, Bridgeport, Connecticut
- 1584 OUTCOME OF AIDS PATIENTS REQUIRING MECHANICAL VENTILATION PREDICTED BY RECURSIVE PARTITIONING
Ali El-Sofy; Debra L. Stubeusz; Gavin B. Grant; Bryndon J.B. Grant, Buffalo, New York
- 1591 NON-ICU CARE OF HEMODYNAMICALLY STABLE MECHANICALLY VENTILATED PATIENTS
Blaise P. Latriano, Albany, New York; Patricia McCauley; Mark E. Asitz; Dennis M. Greenbaum; Eric C. Rackow, New York
- 1597 ECONOMIC COST OF HOME-BASED CARE FOR VENTILATOR-ASSISTED INDIVIDUALS: A PRELIMINARY REPORT
Mary Ann Seveck, Winston-Salem, North Carolina; Mark S. Karnet; Leslie A. Hoffman; Ian Rawson, Pittsburgh
- 1607 DETERMINANTS OF AEROSOLIZED ALBUTEROL DELIVERY TO MECHANICALLY VENTILATED INFANTS
Denise M. Coleman; H. William Kelly; Bennie C. McWilliams; Albuquerque
- 1614 PLASMA THROMBOSPONDIN LEVELS IN SHEEP WITH ALLERGIC ASTHMA
Shih-Wen Huang; Kuo-Jung Kao, Gainesville, Florida; William Abraham, Miami Beach, Florida
- 1618 REACTIVE AIRWAYS DYSFUNCTION SYNDROME
W. Michael Alberts, Tampa, Florida; Guillermo A. de Pizzo, Madison, Wisconsin
- 1627 CIRCULATING INTERCELLULAR ADHESION MOLECULE-1 AND E-SELECTIN IN PATIENTS WITH ACUTE CORONARY SYNDROME
Kou-Gi Shyu; Hang Chang; Cheng-Chung Lin; Peiliang Kuan, Taipei, Taiwan ROC
- 1631 CLOSED-CIRCUIT APPARATUS FOR SPECIFIC INHALATION CHALLENGES WITH AN OCCUPATIONAL AGENT, FORMALDEHYDE, IN VAPOR FORM
Catherine Lemire; Yves Cloutier; Guy Perrault; Daniel Drolet; André Cartier; Jean-Luc Melo, Montreal, Canada
- 1636 EARLY POSTOPERATIVE STRESS: VIDEO-ASSISTED WEDGE RESECTION/LOBECTOMY VS CONVENTIONAL AXILLARY THORACOTOMY
Edda M. Tschernko; Sabine Hofer; Christian Bieglmayr; Wilfried Wesser; Wolfram Haider, Vienna, Austria
- 1643 HILAR MASS IN A PATIENT WITH CHEST PAIN
Kota G. Chetty; Jeffrey McGovern; C. Kees Mahutte, Long Beach, California
- 1645 SEVERE COMMUNITY-ACQUIRED PNEUMONIA IN AN ELDERLY PATIENT
Hugh A. Cassiere, North Bellmore, New York; Michael S. Niederman, Mineola, New York
- 1649 THE IMPOSSIBLE AIRWAY: A PLAN
Miguel Patricia Rosa, Jr.; Col Eric A. Johnson; Col Peter J. Barcia, Honolulu
- 1651 DIGITAL CLUBBING ASSOCIATED WITH PULMONARY ARTERY SARCOMA
Jose S. Loreda, Bonita, California; Peter F. Fedullo, San Diego; Franco Piovella, Pavia, Italy; Kenneth M. Moser, San Diego
- 1653 PERCUTANEOUS TECHNIQUE FOR MANAGEMENT OF PERSISTENT AIRSPACE WITH PROLONGED AIR LEAK USING FIBRIN GLUE
Louis E. Samuels, Philadelphia; Palma M. Shaw; Louis C. Blaum, Jr., Sayre, Pennsylvania
- 1656 THE SPECTRUM OF ADULT ADENOVIRUS PNEUMONIA
Philip P. Retalis; Charlie Strange; Russel A. Harley, Charleston, South Carolina
- 1657 PLASMACYTOMA AS A CAUSE OF OBSTRUCTIVE SLEEP APNEA
Ryland P. Byrd, Jr., Mountain Home, Tennessee; Thomas M. Roy, Johnson City, Tennessee; William Bentz, Mountain Home, Tennessee; Jayant B. Mehta, Johnson City, Tennessee
- 1659 ADULT CROUP
Michael C.F. Tong; Ming Chi Chu; Susanne E.J. Leighton; C. Andrew van Hasselt, Shatin, Hong Kong
- 1663 NUMEROLOGY OF VENTRICULAR PARASYSTOLE
Vijay K. Singh, Delhi, India
- Response—Agustín Castellanos, Miami; Federico Moiseiro, Caracas, Venezuela
- 1663 ANTITHROMBOTIC THERAPY IN ATRIAL FIBRILLATION
Warren J. Manning; David I. Silverman, Boston
- 1664 LUNG VOLUME REDUCTION SURGERY. NEW EXPECTATIONS IN THE SURGICAL TREATMENT OF LUNG CANCER
J.I. Gonzalez Munoz; M. Cordoba Pelaez; M.J. Ferreira Alvarez; P. Ussetti Gil; A. Varela de Ugarte, Madrid, Spain
- 1665 DIAGNOSING PERIPHERAL PULMONARY NODULES
John M. Streitz, Jr., Duluth, Minnesota
- Response—Stefano Gasparini, Ancona, Italy
- 1665 PREVENTIVE IRRADIATION AFTER INVASIVE DIAGNOSTIC AND THERAPEUTIC PROCEDURES IN MALIGNANT PLEURAL MESOTHELIOMA
Salih Emri; Yalcin Karakoca; Y. Izzettin Baris; Faruk Zorlu; Fadil Akyol; Hadi Akay, Ankara, Turkey
- 1666 WHO BENEFITS FROM INHALED CORTICOSTEROIDS?
David P. Joyce, Toronto, Canada
- 1668 A WEEK-LONG COURSE OF INHALED B-AGONIST OR ANTICHOLINERGIC AGENT MAY REDUCE THE DYSPNEA DURING EXERCISE IN COPD
Shinji Teramoto; Yoshinosuke Fukuchi; Yasuyoshi Ouchi, Tokyo, Japan
- 1667 IMPROVED TECHNIQUE FOR FIBEROPTIC PLEUROSCOPY
Anthony Ping Chuen Yim, Hong Kong, Hong Kong
- 1667 CHESTNUTS
Gerald L. Baum, Tel Aviv, Israel
- 1668 MORE ON TALC STERILIZATION
Lorraine Marie E. Mattison; Lisa L. Steed; Steven A. Sahn, Charleston, South Carolina
- 1668 INTERINSTRUMENT VARIABILITY OF THREE PORTABLE PEAK FLOWMETERS
Birgitta Schmekel, Linköping, Sweden
- 1668 ERRATA
Melissa A. Rosenfeld; Francis S. Collins, Bethesda, Maryland
Brita Stenius-Aarniala; Seiji Riikonen; Karl Teramo, Helsinki, Finland
- 1660 CONTENTS INDEX, VOLUME 109 (JANUARY-JUNE, 1996)
1677 AUTHOR INDEX, VOLUME 109 (JANUARY-JUNE, 1996)
1684 SUBJECT INDEX, VOLUME 109 (JANUARY-JUNE, 1996)

